

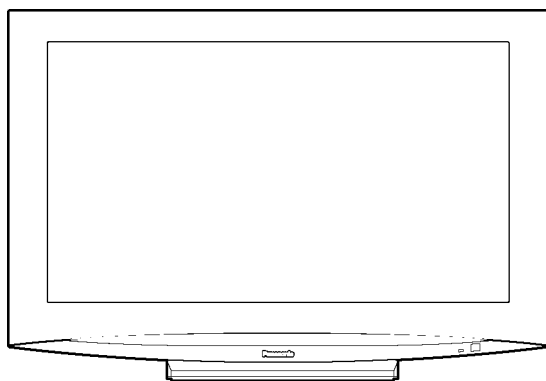
Service Manual

32 inch / 37 inch Class LCD HDTV

Model No. **TC-37LZ800**

TC-32LZ800

LH71 Chassis



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.
4. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
5. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
6. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be 100 Mohm and over.
When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a 0.15 μ F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

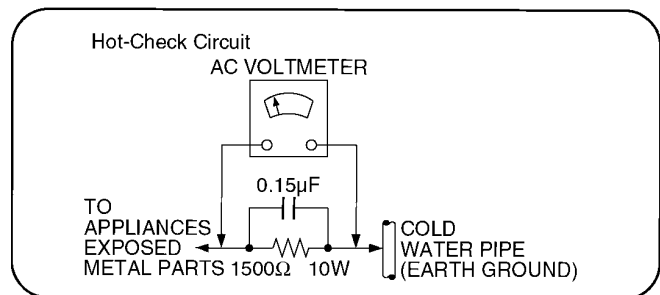


Figure 1

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor [chip] components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as [anti-static (ESD protected)] can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by \triangle in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

2.2. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

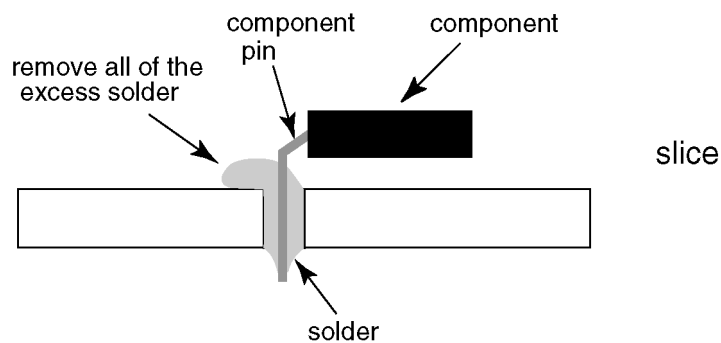
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

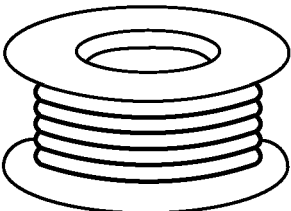
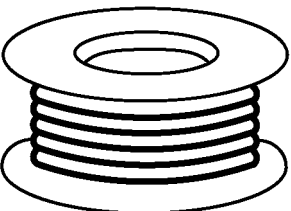
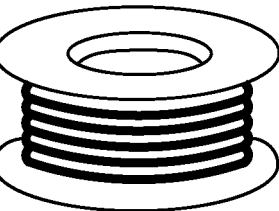
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



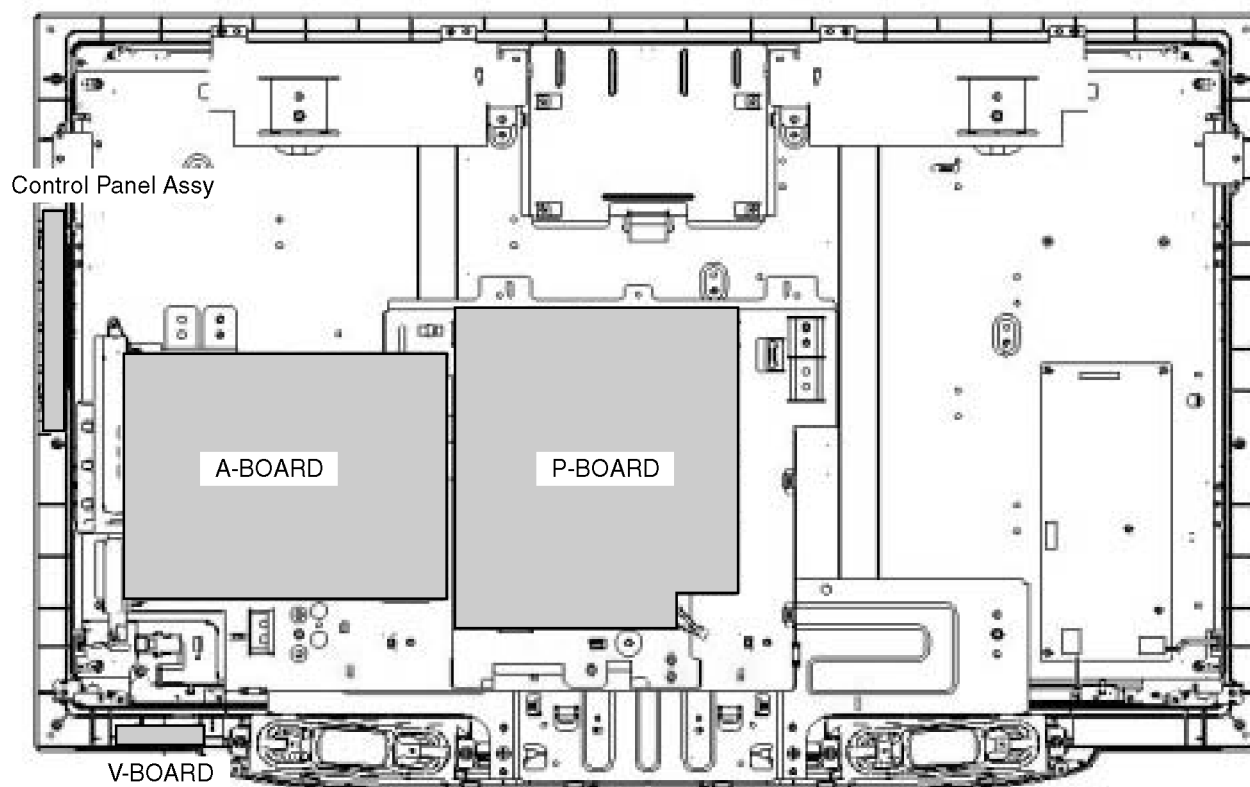
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

3 Service Navigation

3.1. Service Hint



Board Name	Function
A-Board	Rear Terminal, AV Switch, MCU, Audio & Video Processor, LVDS, Tuner
V-Board	Remote Receiver, LED
P-Board	Power (AC/DC), DC-DC
Control Panel Assy	Control Button, Power switch None serviceable Control Panel Assy should be exchanged for service.

3.2. Applicable signals

* Mark: Applicable input signal for Component (Y, P_B, P_R), HDMI and PC

	horizontal frequency (kHz)	vertical frequency (Hz)	COMPONENT	HDMI	PC
525 (480) / 60i	15.73	59.94	*	*	
525 (480) /60p	31.47	59.94	*	*	
750 (720) /60p	45.00	59.94	*	*	
1,125 (1,080) /60i	33.75	59.94	*	*	
1,125 (1,080) /60p	67.43	59.94		*	
1,125 (1,080) /60p	67.50	60.00		*	
1,125 (1,080) /24p	26.97	23.98		*	
1,125 (1,080) /24p	27.00	24.00		*	
640 × 400 @70	31.47	70.08			*
640 × 480 @60	31.47	59.94			*
Macintosh13 inch (640 × 480)	35.00	66.67			*
640 × 480 @75	37.50	75.00			*
852 × 480 @60	31.47	59.94			*
800 × 600 @60	37.88	60.32			*
800 × 600 @75	46.88	75.00			*
800 × 600 @85	53.67	85.08			*
Macintosh16 inch (832 × 624)	49.73	74.55			*
1024 × 768 @60	48.36	60.00			*
1024 × 768 @70	56.48	70.07			*
1024 × 768 @75	60.02	75.03			*
1024 × 768 @85	68.68	85.00			*
Macintosh 21inch (1,152 × 870)	68.68	75.06			*
1,280 × 1,024 @60	63.98	60.02			*
1,366 × 768 @60	48.36	60.00			*

Note:

- Signals other than above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.

4 Specifications

Power Source	AC 120 V, 60 Hz	
Power Consumption		
Average use	222 W (37 INCH) / 170W (32 INCH)	
Standby condition	0.2 W	
Display panel		
Aspect Ratio	16:9	
Visible screen size	37 inch class (37.0 inches measured diagonally) (37 INCH) 32 inch class (31.5 inches measured diagonally) (32 INCH)	
(W × H × Diagonal)	32.2 inch × 18.1 inch × 37.0 inch (819 mm × 460 mm × 940 mm) (37 INCH) 27.5 inch × 15.4 inch × 31.5 inch (698 mm × 392 mm × 801 mm) (32 INCH)	
(No. of pixels)	2,073,600 (1,920 (W) × 1,080(H)) [5,760 × 1,080 dots]	
Sound		
Speaker	1 way 2 speakers slim under SP System	
Audio Output	20 W [10 W + 10 W] (10 % THD)	
Headphones	M3 (3.5 mm) Jack × 1	
PC signals	VGA, SVGA, XGA, WXGA, SXGA Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz	
Channel Capability-ATSC/NTSC (Digital/Analog)	VHF/ UHF: 2 - 69, CATV: 1 - 135	
Operating Conditions	Temperature:	32 °F - 95 °F (0 °C - 35°C)
	Humidity:	20 % - 80 % RH (non-condensing)
Connection Terminals		
VIDEO IN 1	VIDEO:	RCA PIN Type × 1 1.0 V[p-p] (75 Ω)
	S VIDEO:	Mini DIN 4-pin Y: 1.0 V[p-p] (75 Ω) C: 0.286 V [p-p] (75 Ω)
	AUDIO L - R:	RCA PIN Type × 2 0.5 V [rms]
VIDEO IN 2	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	AUDIO L - R:	RCA PIN Type × 2 0.5 V [rms]
COMPONENT IN 1	Y:	1.0 V [p-p] (including synchronization)
	PB, PR:	±0.35 V [p-p]
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
HDMI 1-3	TYPE A Connector × 3 . ● This TV supports [HDAVI Control 3] function.	
PC	D-SUB 15PIN:	R,G,B / 0.7 V [p-p] (75Ω) HD, VD / 1.0 - 5.0 V [p-p] (high impedance)
Card slot	SD CARD slot × 1	
TO AUDIO AMP	AUDIO L - R:	RCA PIN Type × 2 0.5 V [rms]
DIGITAL AUDIO OUT	PCM / Dolby Digital, Fiber Optic	
FEATURES	3D Y/C Digital Comb Filter CLOSED CAPTION, V-Chip HDMI (HDAVI Control 3), BBE VIVA 3D Vesa compatible, Photo viewer	
Dimensions (W × H × D)		
Including TV stand	36.8 inch × 25.6 inch × 11.7 inch (932.4 mm × 649.6 mm × 295 mm) (37 INCH) 32.3 inch × 22.7 inch × 8.9 inch (820.4 mm × 575 mm × 225 mm) (32 INCH)	
TV Set only	36.8 inch × 23.9 inch × 4.3 inch (932.4 mm × 607 mm × 104.5 mm) (37 INCH) 32.3 inch × 21.1 inch × 3.9 inch (820.4 mm × 534.4 mm × 97.8 mm) (32 INCH)	
Mass	49.6 lb. (22.5 kg) NET (37 INCH) 39.7 lb. (18 kg) NET (32 INCH)	

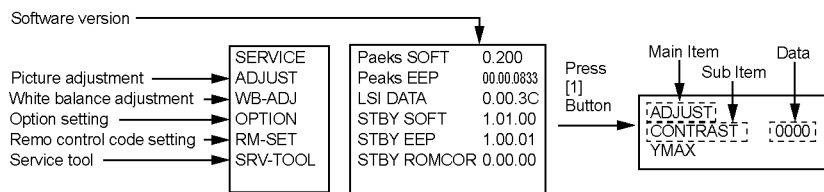
Note:

Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.

5 Service Mode

5.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [INFO] button of the remote control three times within 2 seconds.



5.1.1. Key command

[1] button...Main items Selection in forward direction

[2] button...Main items Selection in reverse direction

[3] button...Sub items Selection in forward direction

[4] button...Sub items Selection in reverse direction

[VOL] button...Value of sub items change in forward direction (+), in reverse direction (-)

5.1.2. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data	Remark
ADJUST	CONTRAST	000	
	COLOR	32	
	TINT	00	
	SUB-BRT	800	
	BACKLGT	2BB	
	B-Y-G	38	
	R-Y-A	00	
WB-ADJ	R-GAIN	FF	
	G-GAIN	EB	
	B-GAIN	DE	
	R-CENT	8C	
	G-CENT	80	
	B-CENT	8D	
OPTION	Boot	ROM	Factory Preset.
	STBY-SET	00	
	EMERGENCY	ON	
	CLK MODE	00	
	CLOCK	073	
RM-SET	CODE	A	Fixed.
SRV-TOOL		00	See next.

5.1.3. How to exit

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

5.2. SRV-TOOL

5.2.1. How to access

1. Select [SRV-TOOL] in Service Mode.
2. Press [OK] button on the remote control.

	SRV-TOOL	
Display of TD2Microcode version →	TD2Microcode:81c00011	
Display of Flash ROM maker code →	Flash ROM : 1 - 227E	
Display of SOS History →	PTCT : 00 . 00 . 00 . 00 . 00	Time 000040:40 Count 0000049

POWER ON TIME/COUNT
Press [MUTE] button (3sec)

5.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.

From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment. This indication except 2nd and 1st occurrence after shipment will be cleared by [Self-check indication and forced to factory shipment setting].

5.2.3. POWER ON TIME/COUNT

To display TIME/COUNT menu, highlight position, then press MUTE for 3sec.

Time : Cumulative power on time, indicated hour : minute by decimal

Count : Number of ON times by decimal

Note : This indication will not be cleared by either of the self-checks or any other command.

5.2.4. Exit

1. Disconnect the AC cord from wall outlet.

5.3. Hotel mode

1. Purpose

Restrict a function for hotels.

2. Access command to the Hotel mode setup menu

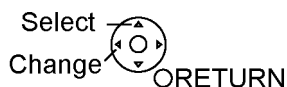
In order to display the Hotel mode setup menu, please enter the following command (**within 2 second**).

[TV] : Vol. [Down] + [REMOTE] : TV/VIDEO (3 times)

Then, the Hotel mode setup menu is displayed.

Hotel Mode

Mode	Off
Input	---
Channel	---
Volume	+ 25
Vol. Max	+ 100
OSD Ctrl	Off
FP Ctrl	Off
Pow Ctrl	Off



3. To exit the Hotel mode setup menu

Disconnect AC power cord from wall outlet.

4. Explain the Hotel mode setup menu

item	Function
Mode	Select hotel mode off/on
Input	Select input signal modes. Set the input, when each time power is switched on. Selection: -/RF/Component1/Component2/HDMI1/HDMI2/HDMI3/Video1/Video2/PC • Off: give priority to a last memory.
Channel	Select channel when input signal is RF. Set the channel, each time power is switched on. Selection: Any channel number or [-]. [-] means the channel when turns off.
Volume	Adjust the volume when each time power is switched on. Range: 0 to 100
Vol. Max	Adjust maximum volume. Range: 0 to 100
OSD Ctrl	Restrict the OSD. Selection: Off/Pattern1 • OFF: No restriction • Pattern1: restriction
FP Ctrl	Select front key conditions. Selection: Off/Pattern1/All • Off: altogether valid. • Pattern1: only input key is valid. • All: altogether invalid.
Pow Ctrl	Select POWER-ON/OFF condition when AC power cord is disconnected and then connected. OFF: The same condition when AC power cord is disconnected. ON: Forced power ON condition.

6 Troubleshooting Guide

Use the self-check function to test the unit.

1. Checking the IIC bus lines
2. Power LED Blinking timing

6.1. Check of the IIC bus lines

6.1.1. How to access

Self-check indication only:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [OK] button on the remote control for more than 3 seconds.

Self-check indication and forced to factory shipment setting:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

6.1.2. Exit

Disconnect the AC cord from wall outlet.

6.1.3. Screen display

SELF CHECK		---- . XXXXXX - XXXXXX
PEAKS	OK	
TUN1	OK	
TUN2	OK	
FE	OK	
AVSW	OK	
ADV	OK	
ADAV	OK	
GenX	OK	
MEM1	OK	
MEM2	OK	
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6.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref. No.	Description	P.C.B.
PEAKS	IC8001	PEAKS	A-Board
TUN1	TU8300	TUNER (PLL block)	A-Board
TUN2	TU8300	TUNER (MTS block)	A-Board
FE	IC8300	FRONTEND (Digital demodulator)	A-Board
AVSW	IC3001	AUDIO/VIDEO SW	A-Board
ADV	IC4510	A/D CONV., HDMI RX	A-Board
ADAV	IC2106	AUDIO DSP	A-Board
GenX	IC1100	GenX5 (STB MCU)	A-Board
MEM1	IC1101	EEPROM (GenX5)	A-Board
MEM2	IC8503	EEPROM (Peaks)	A-Board

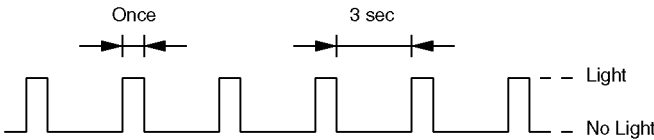








6.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

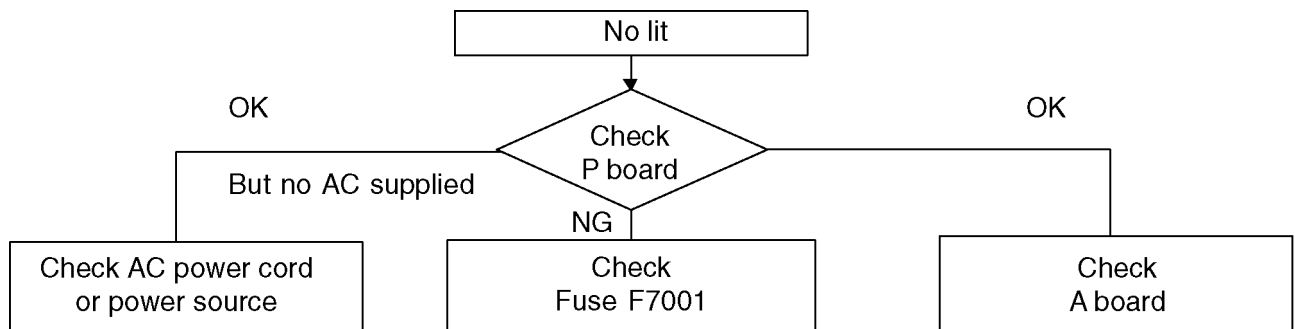
Blinking Times	Blinking timing	Contents	Check point
1		INVERTER SOS	LCD PANEL
3		SOS /BT 30V / SOUND 17V SUB 9V	P-Board
4		DTV 12V	P-Board
5		MAIN 9V	P-Board
6		SUB 5V	A-Board
7		SUB 3.3V	A-Board
8		MAIN 3.3V	A-Board
9		SOUND SOS	A-Board P-Board
13		EMERGENCY SOS (Communication Error between IC8001 and IC1100)	A-Board

6.3. No Power

First check point

There are following 2 states of No Power indication by power LED.

1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)

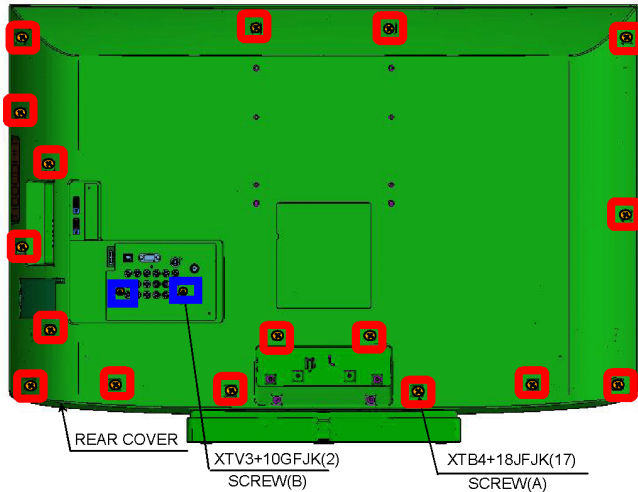


7 Disassembly and Assembly Instructions

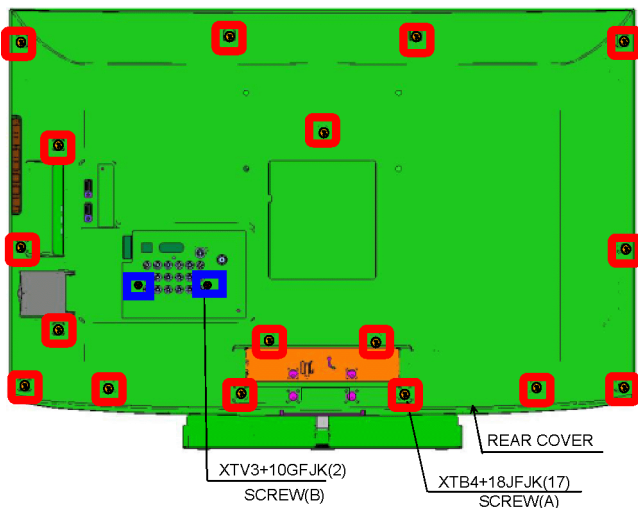
7.1. Rear cover

1. Remove the 17 screws (A).
2. Remove the 2 screws (B),
3. Remove the rear cover.

37 inch

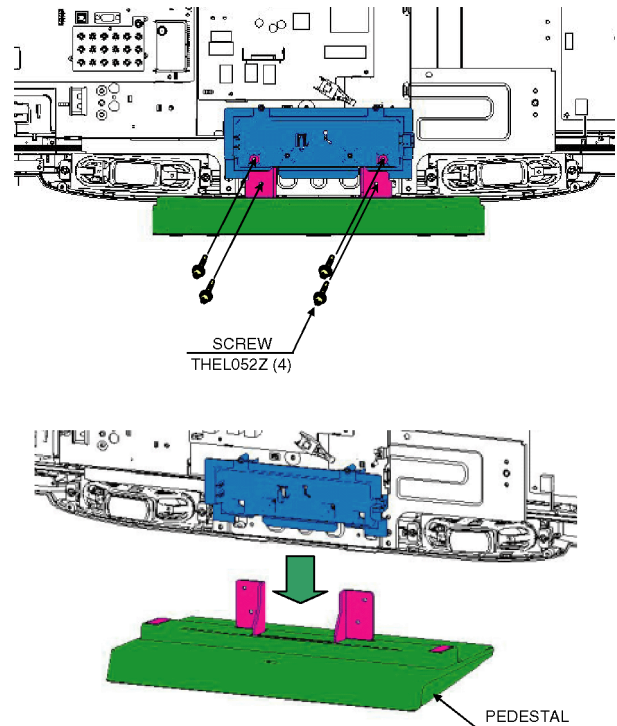


32 inch



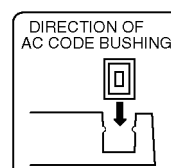
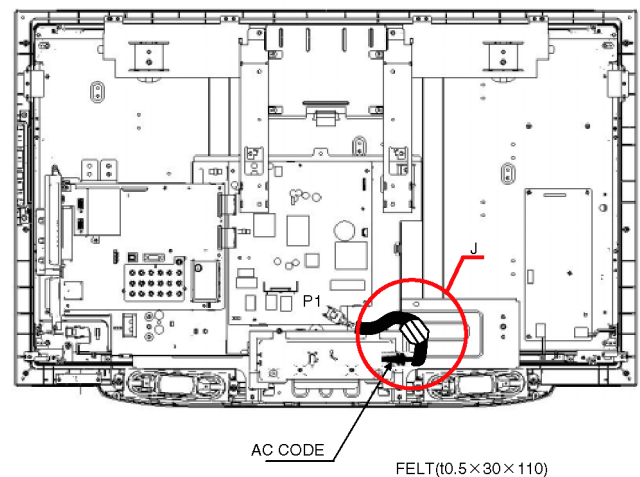
7.2. Pedestal assy

1. Lay down the unit so that the rear cover faces upward.
2. Remove the 4 screws.
3. Remove the pedestal assy.



7.3. AC cord

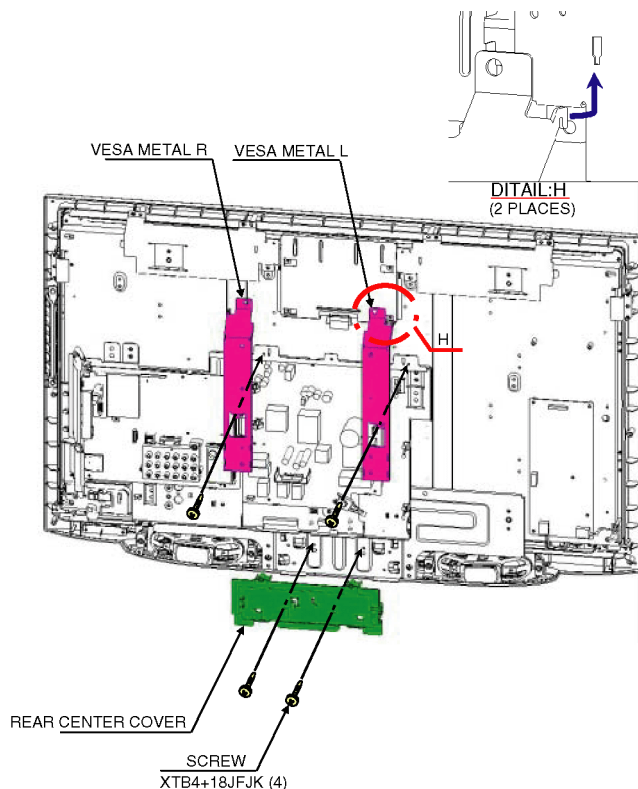
1. Remove the bushing of the AC cord from the tuner cover.
2. Disconnect the connector (P1) of AC cord.



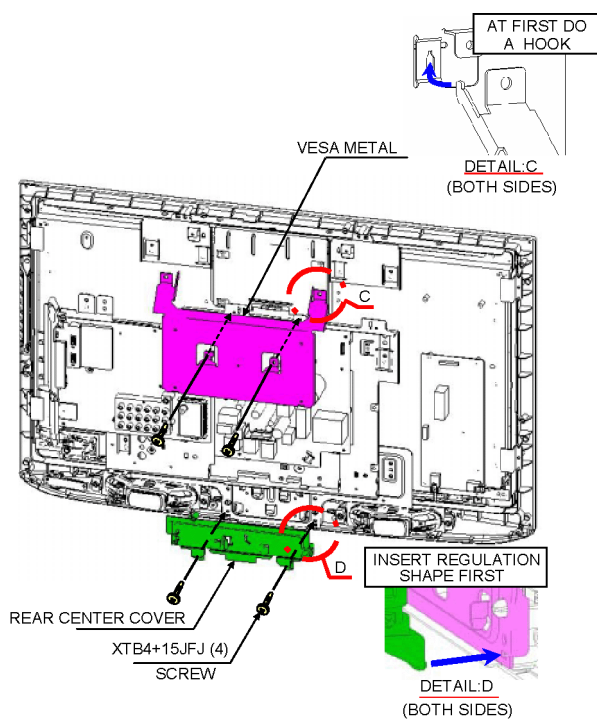
7.4. VESA metal and Rear center cover

1. Remove the 4 screws.
2. Remove the VESA metal and Rear center cover.

37 inch

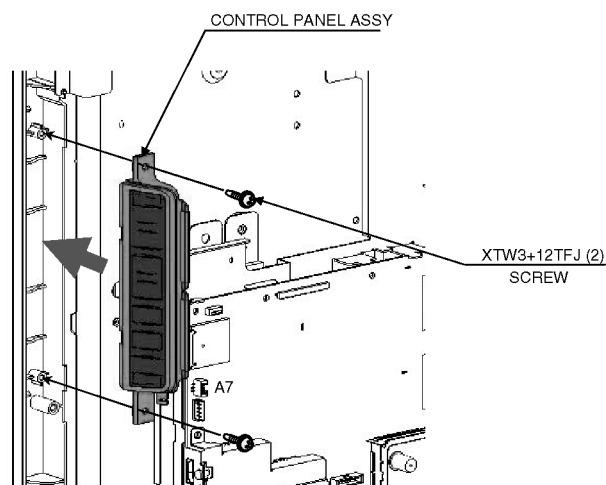


32 inch



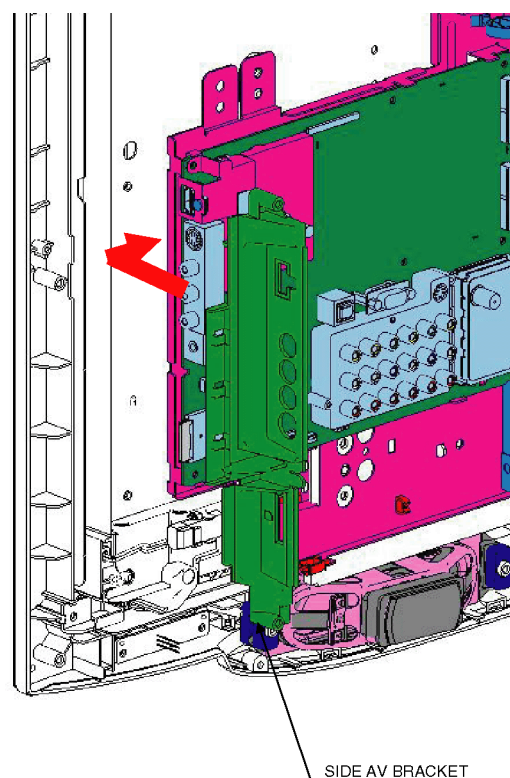
7.5. Control panel assy

1. Disconnect the connector (A7).
2. Remove the 2 screws.
3. Remove the control panel assy.



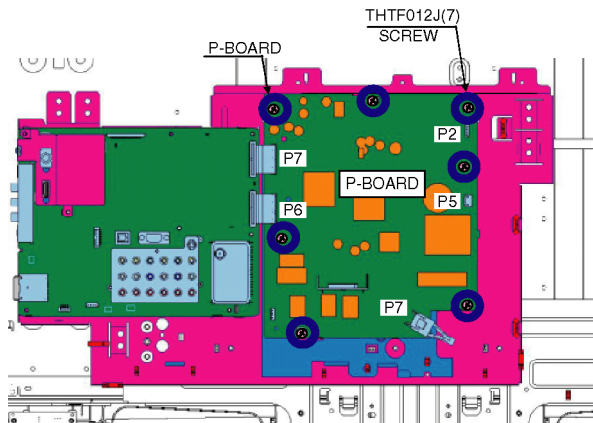
7.6. Side AV bracket

1. Remove the side AV bracket.



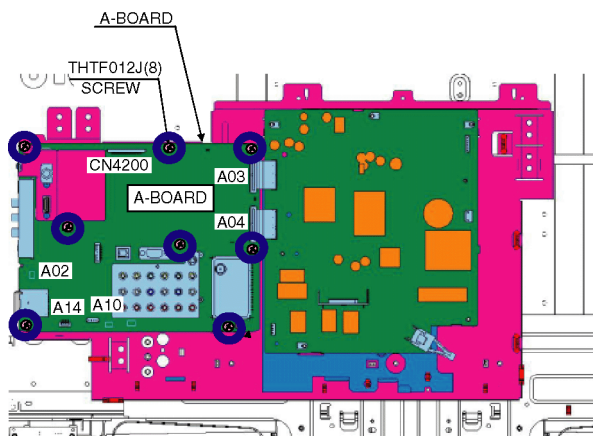
7.7. P-Board

1. Remove the 7 screws.
2. Disconnect the connectors (P1/P2/P5/P6/P7).
3. Remove the P-Board.



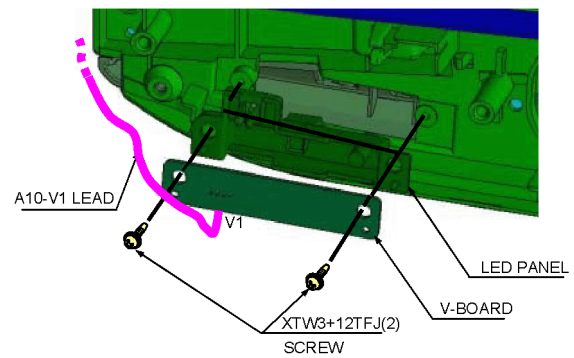
7.8. A-Board

1. Remove the 8 screws.
2. Disconnect the connector (A02/A03/A04/A10/A14/ CN4200).
3. Remove the A-Board.

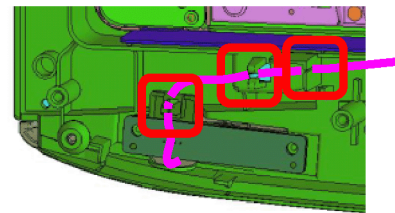


7.9. V-Board (32 inch)

1. Remove the 2 screws.
2. Disconnect the connector (V1).
3. Remove the V-Board.

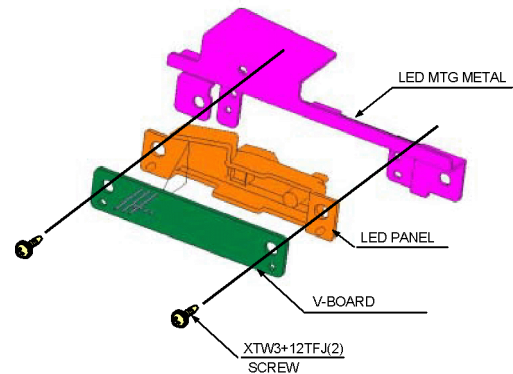
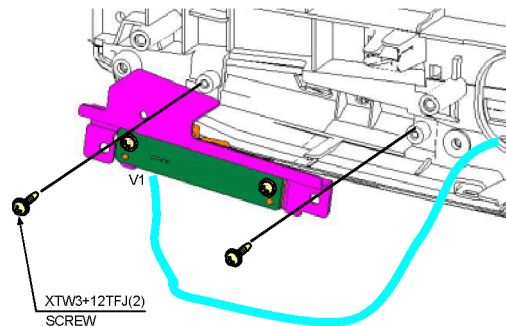


A LEAD WIRE IS HUNG ON THE HOOK OF LED PANEL AND CABINET.



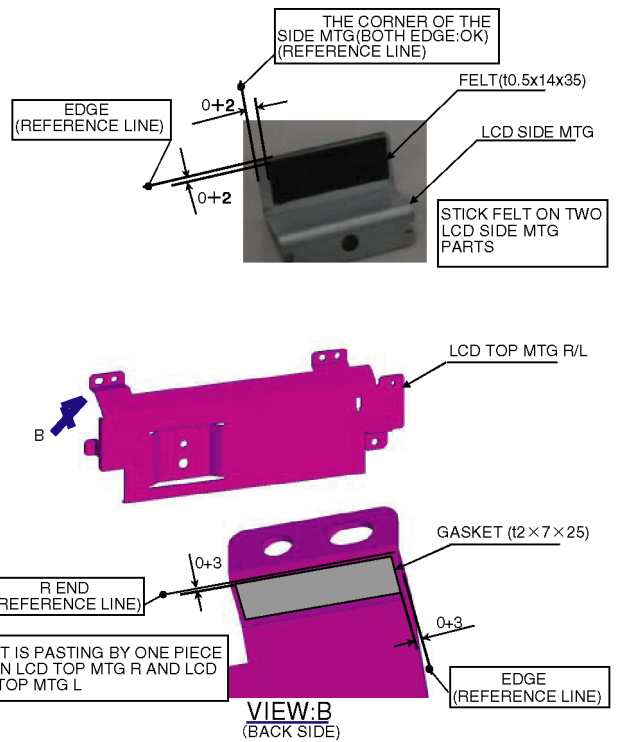
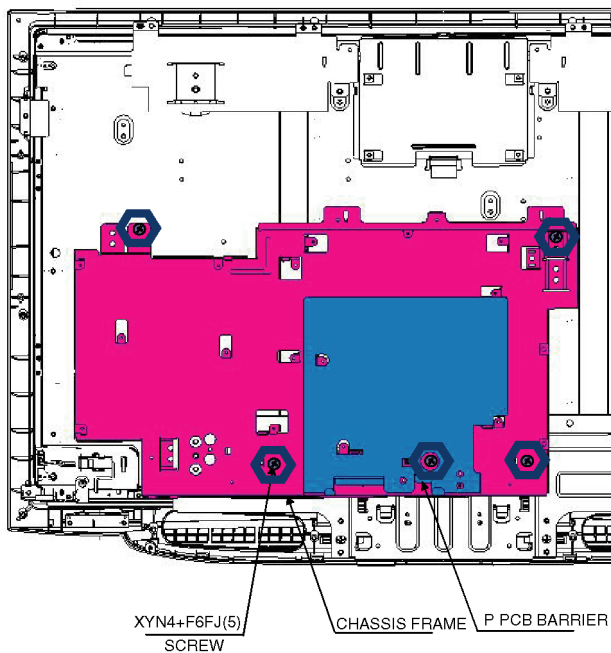
7.10. V-Board (37 inch)

1. Remove the 2 screws.
2. Remove the LED MTG metal assy.
3. Remove the 2 screws.
4. Remove the V-Board.



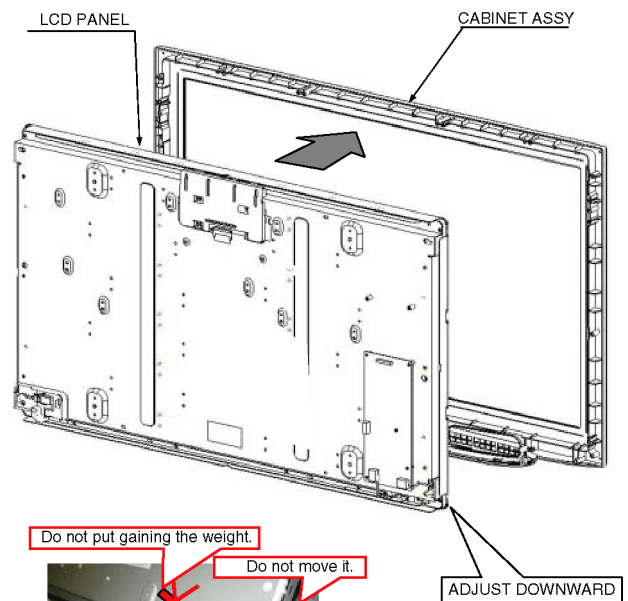
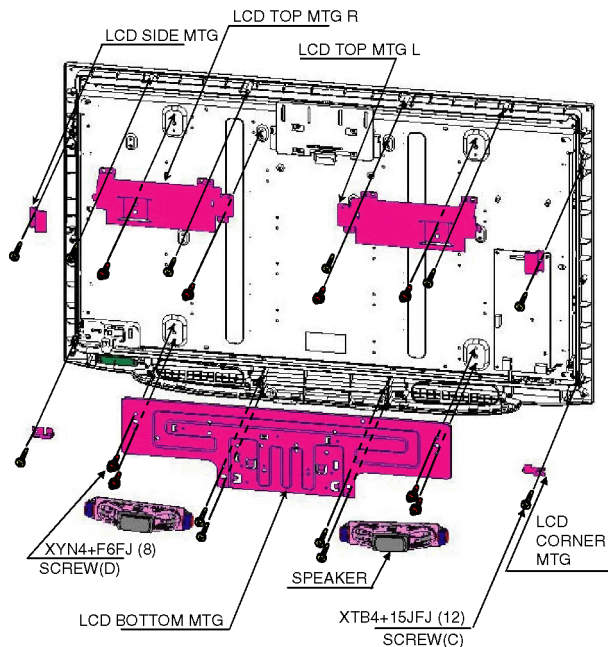
7.11. Chassis frame

1. Remove the 5 screws.
2. Remove the chassis frame.



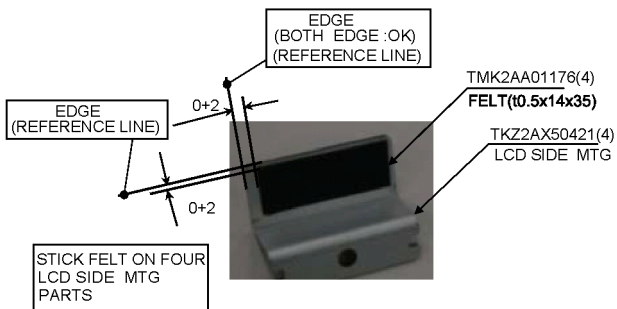
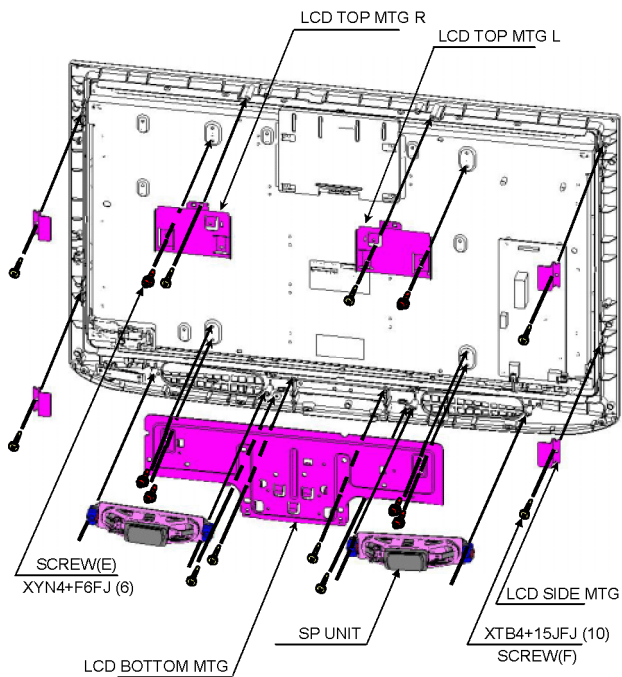
7.12. LCD Panel and Speaker (37 inch)

1. Remove the 12 screws (C).
2. Remove the 8 screws (D).
3. Remove the LCD MTG and Speaker.

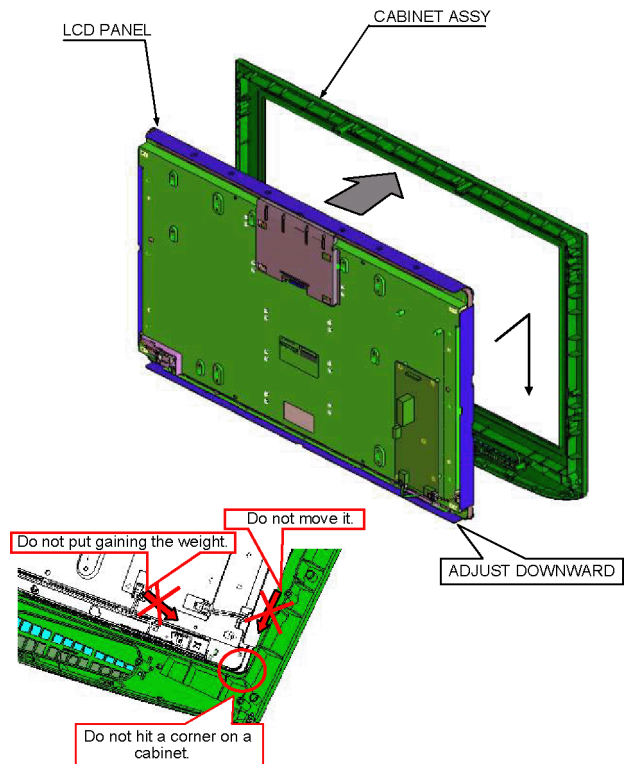


7.13. LCD Panel and Speaker (32 inch)

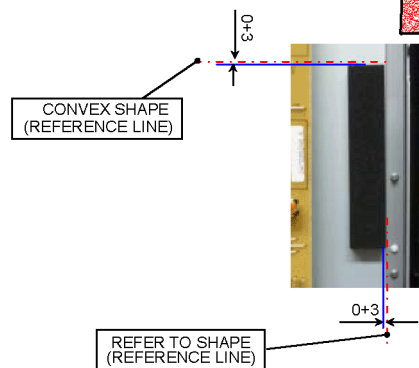
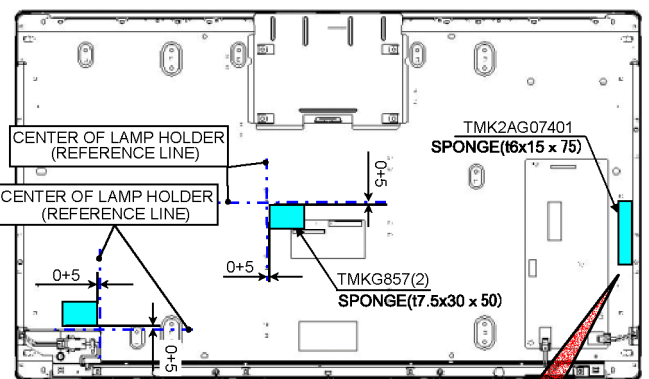
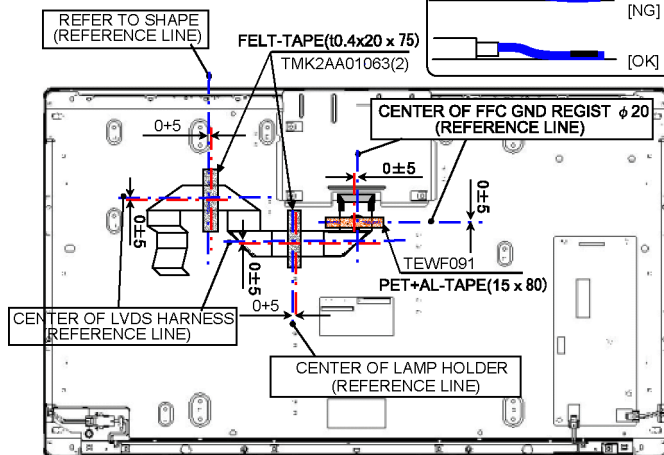
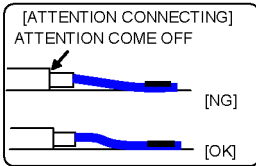
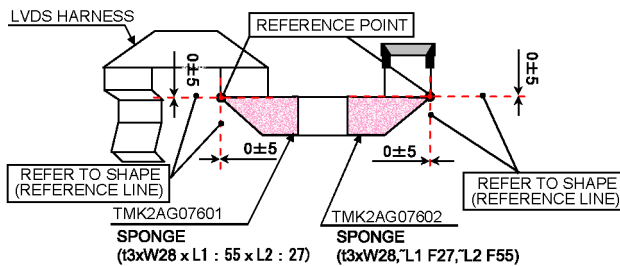
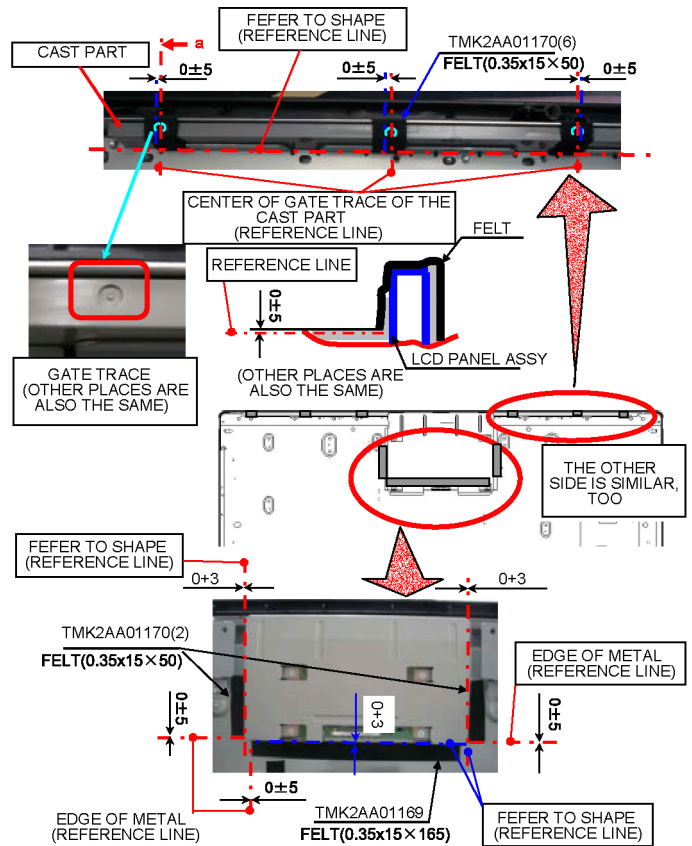
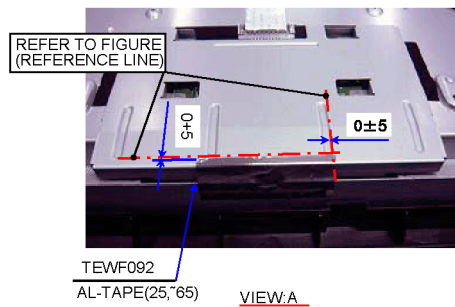
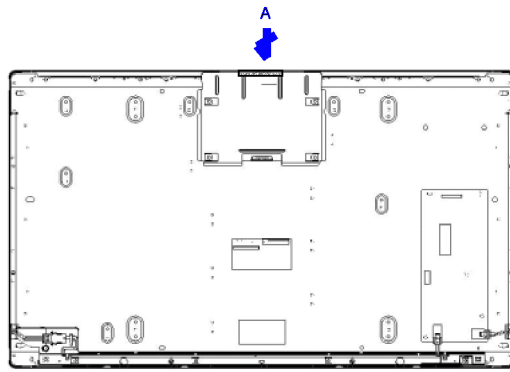
1. Remove the 6 screws (E).
2. Remove the 10 screws (F).
3. Remove the LCD MTG and Speaker.



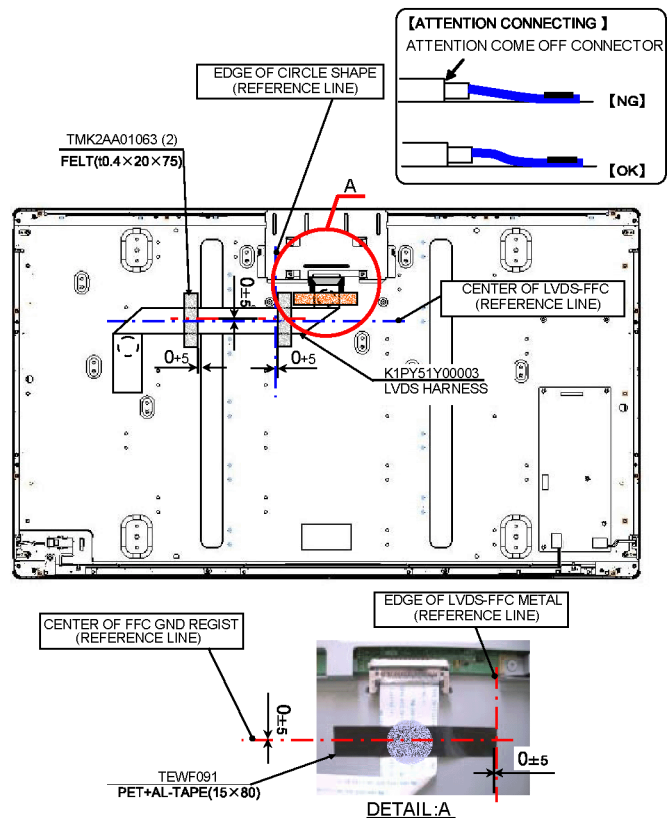
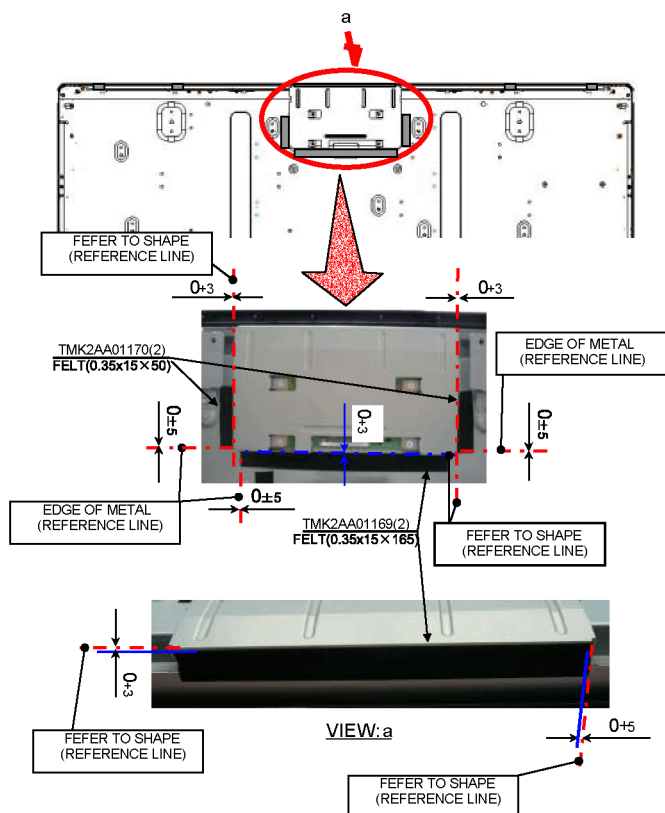
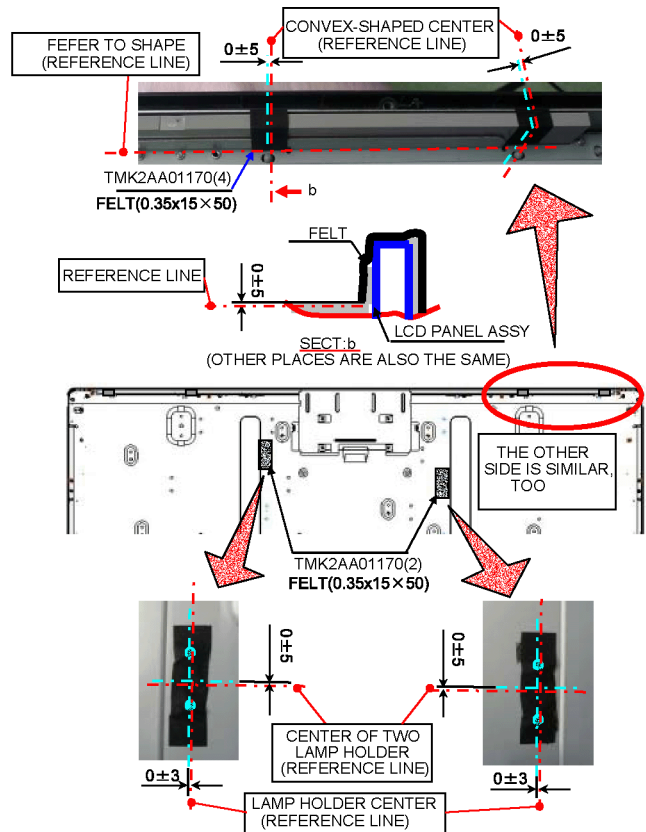
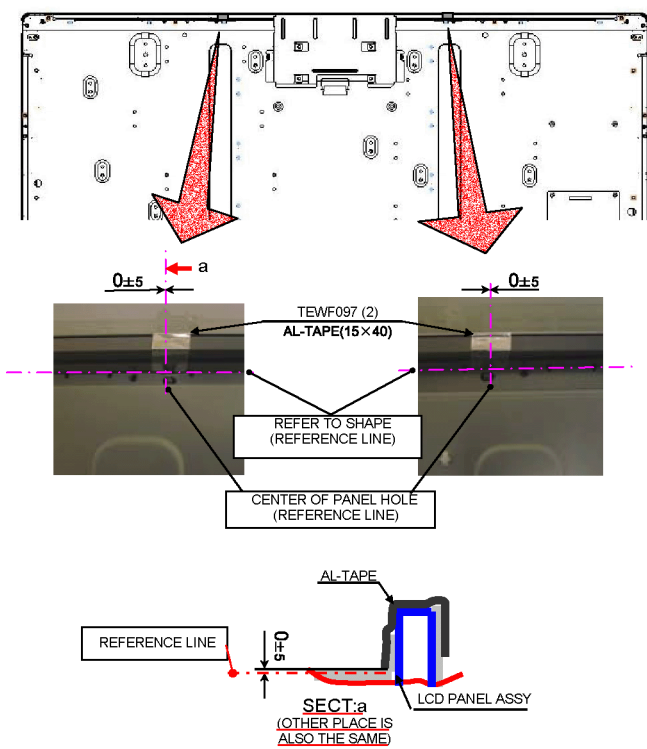
4. Remove the LCD panel.



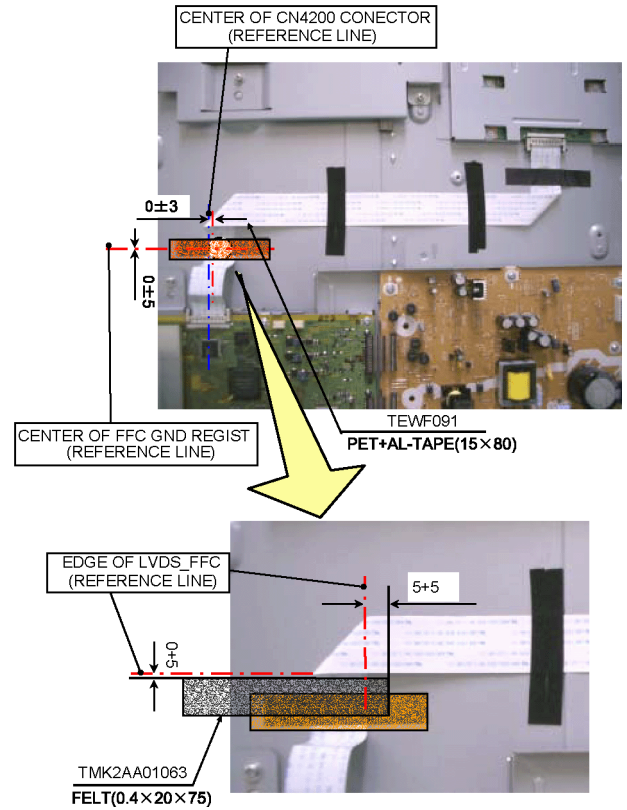
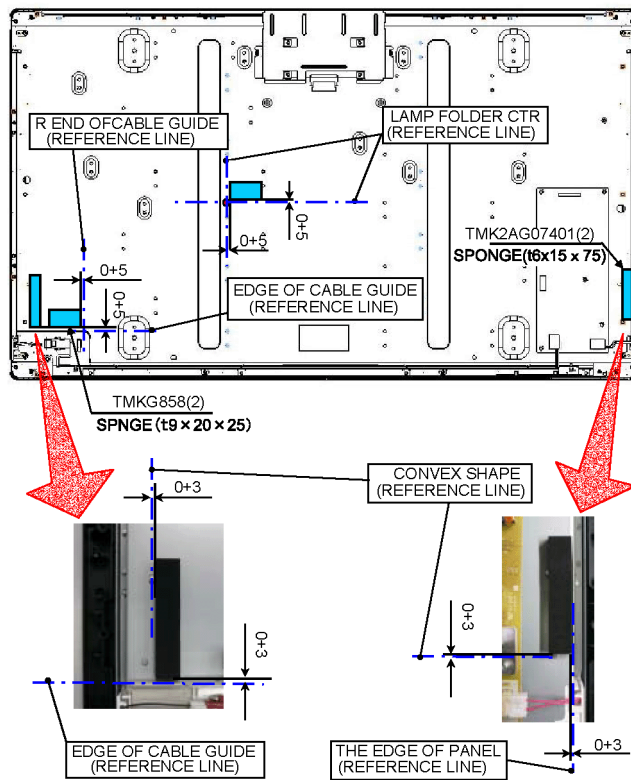
7.14. EMI (32 inch)



7.15. EMI1 (37 inch)



7.16. EMI2 (37 inch)



8 Measurements and Adjustments

8.1. Voltage chart of P-board

VOLTAGE	TEST POINT	SPECIFICATION
SOUND_VCC	TP7050	17.0 - 19.0V
BT_30V	TP7060	30.0 - 32.0V
SUB_5V	TP7059	4.9 - 5.3V
SUB_9V	TP7055	8.8 - 9.4V
DTV_12V	TP7057	11.6 - 12.4V
PANEL_12V	TP7058	11.6 - 12.4V
5VS	TP7061	4.8 - 5.2V
STB_5V	TP7062	4.8 - 5.2V
SUB_6V	TP7064	5.7 - 6.5V
V+_V-	TP7025-TP7026	370 - 395V
12V	TP7070	11.6 - 12.4V

8.2. Voltage chart of A-board

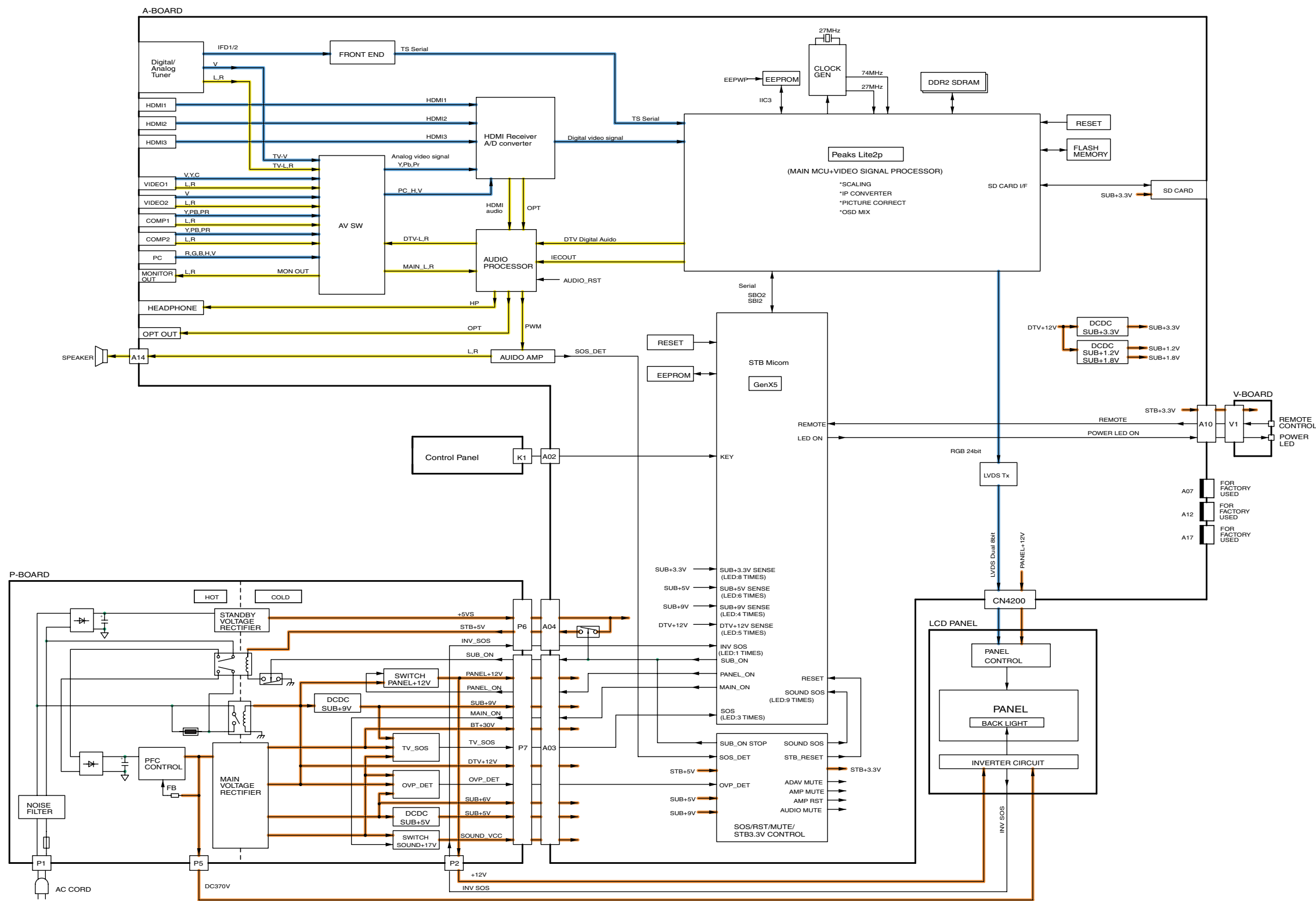
VOLTAGE	TEST POINT	SPECIFICATION
STB3.3V	TP2003	3.3±0.16V
SUB1.2V	TP5601	1.26±0.06V
SUB1.8V	TP5602	1.83±0.09V
SUB3.3V	TP5600	3.3±0.16V

8.3. Picture level adjustment (RF)

Instrument Name	Remarks
1. REMOTE TRANSMITTER 2. Ex. Signal (Split color bar)	
Adjustment or Inspection Procedure	Remarks
<p><procedure></p> <p>1. Receive the split color bar. (Screen mode: ZOOM or FULL Picture mode: DYNAMIC AI: OFF AI Picture: OFF) *BACK LIGHT +30</p> <p><Inspection></p> <p>1. Enter Service mode, and select MAIN_ADJ PICTURE. Volume UP/DOWN key makes GAIN displayed under PICTURE to set. Pushing the remote controller [OK] key for about 3 seconds, GAIN is suited to the adjustment value automatically.</p> <div data-bbox="427 1424 798 1700" data-label="Image"> </div> <p>(The Split Color Bar Pattern)</p>	

9 Block Diagram

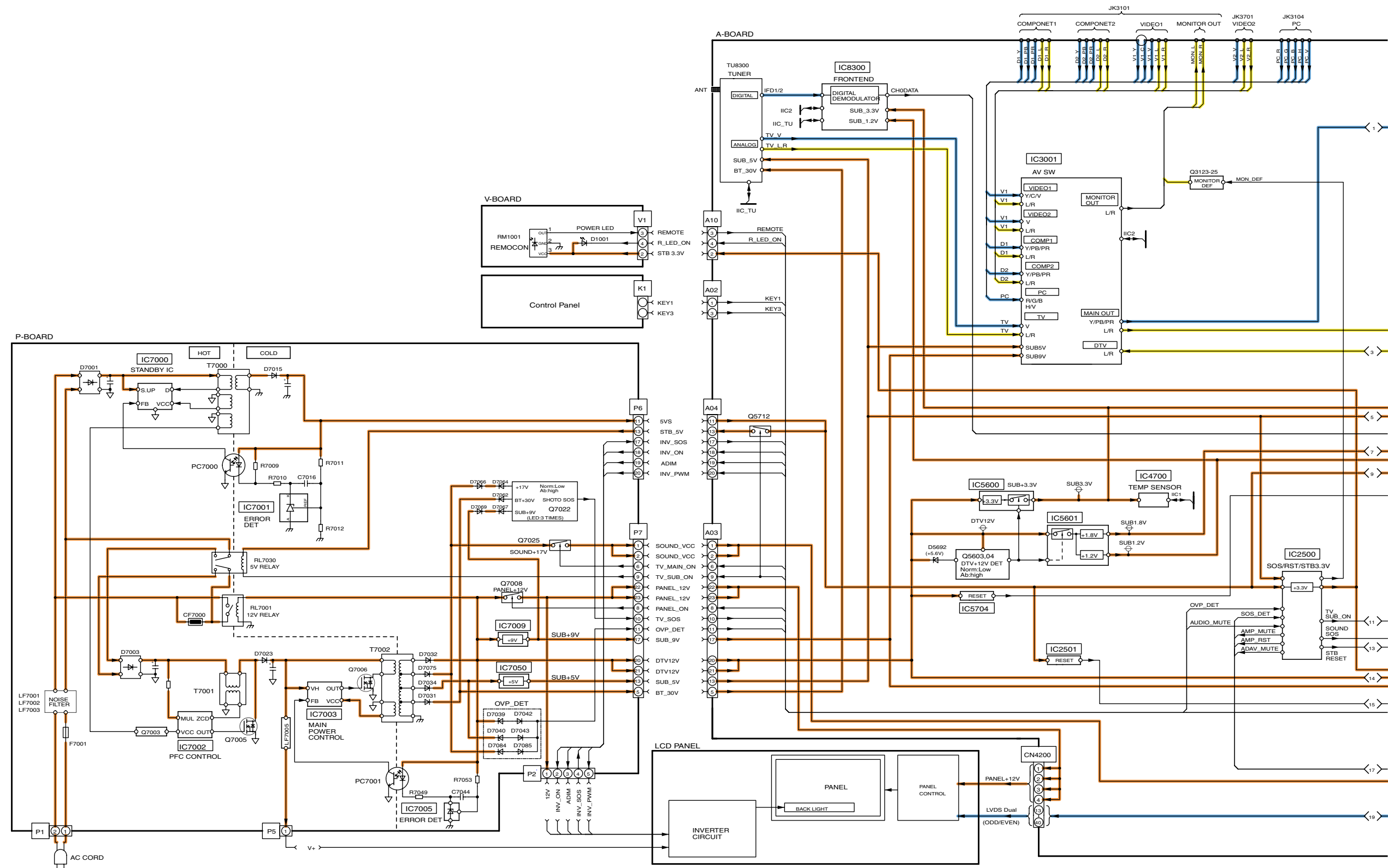
9.1. Block (1/3) Diagram



TC-37/32LZ800
Block (1/3) Diagram

TC-37/32LZ800
Block (1/3) Diagram

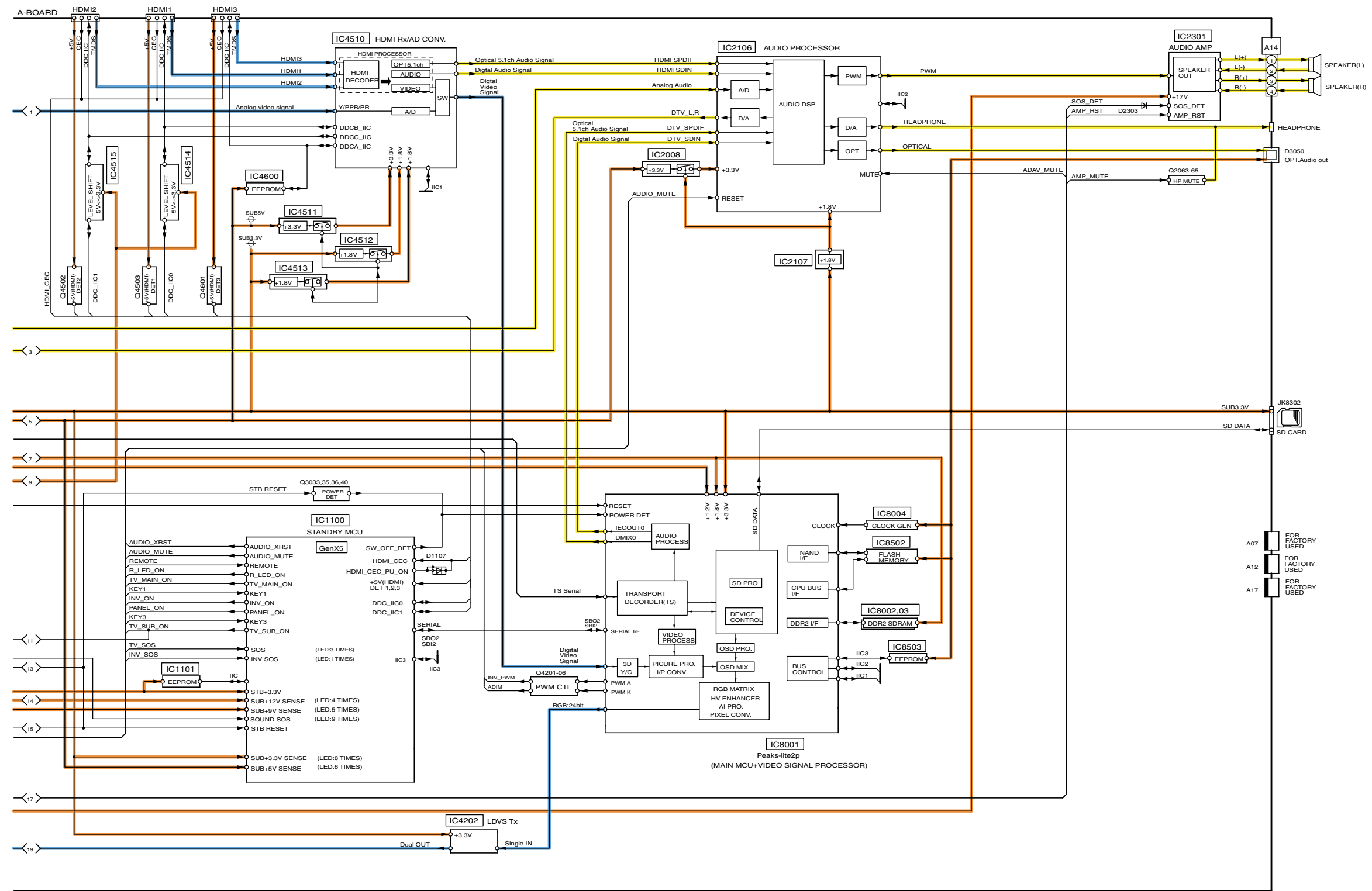
9.2. Block (2/3) Diagram



TC-37/32LZ800
Block (2/3) Diagram

TC-37/32LZ800
Block (2/3) Diagram

9.3. Block (3/3) Diagram



TC-37/32LZ800
Block (3/3) Diagram

TC-37/32LZ800
Block (3/3) Diagram

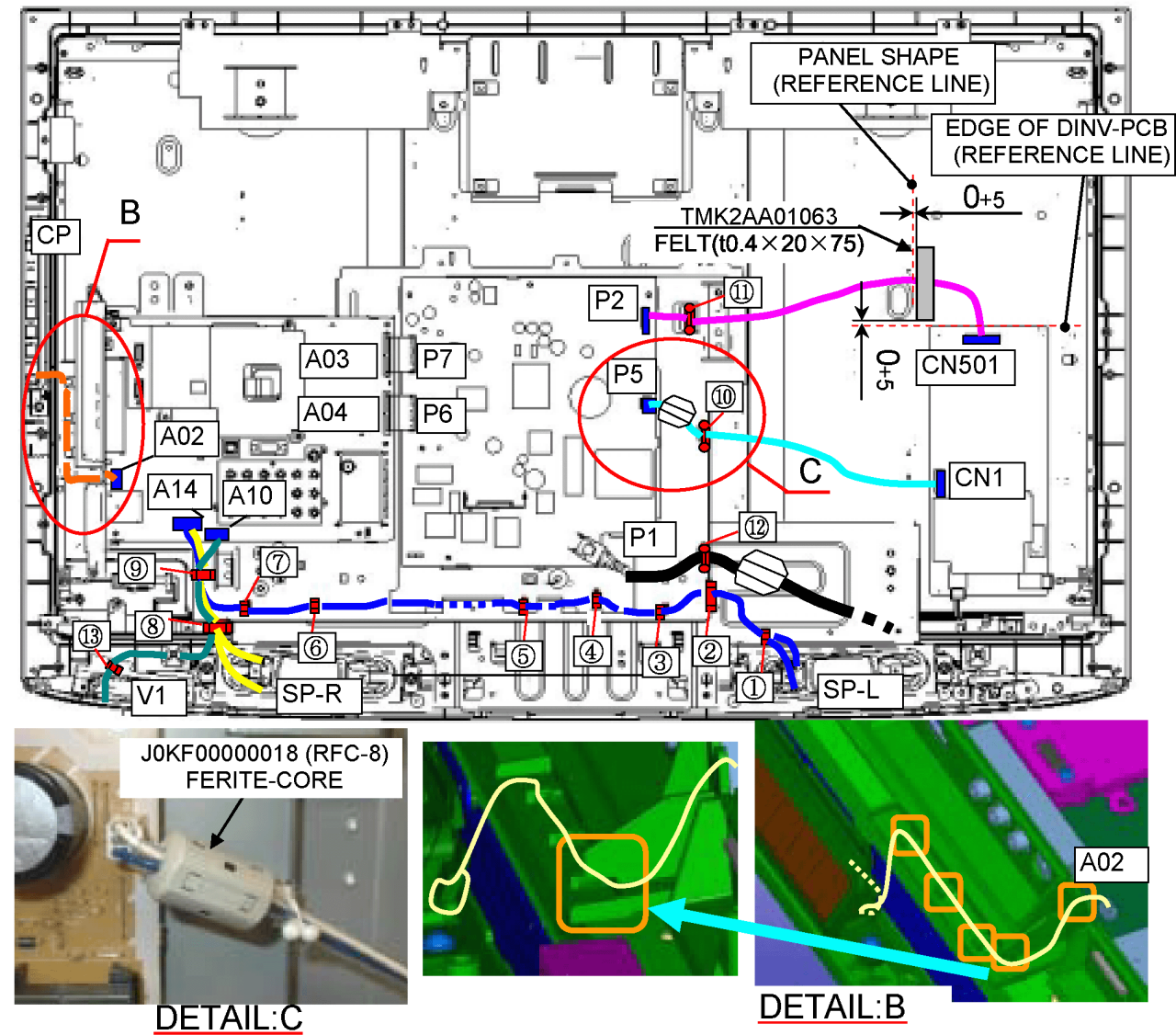
10 Wiring Connection Diagram

10.1. Caution statement.

Caution:
Please confirm that all flexible cables are assembled correctly.
Also make sure that they are locked in the connectors.
Verify by giving the flexible cables a very slight pull.

10.2. Wiring (37 inch)

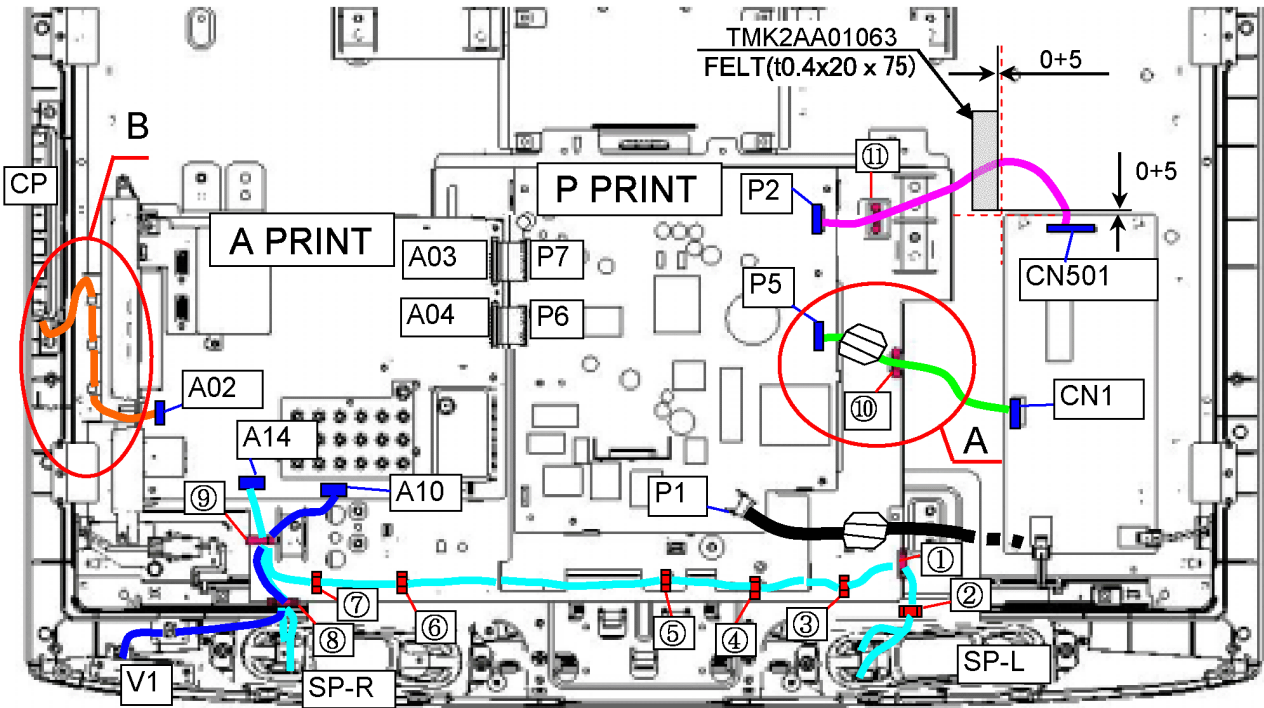
- 1.DRESSING WIRES AS FOLLOWS.
- 2.PUT FELT .
- 3.CONNECT A03 AND P7. CONNECT A04 AND P6.
- 4.ATTACH FERITE-CORE.



	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭
A10-V1								●	●				●	
A02-CP	REFER TO DETAIL:B													
A14-SPL	●	●	●	●	●	●	●		●					
A14-SPR								●	●					
CN501-P2											●			
CN1-P5										●				
P1(AC CODE)												●		

10.3. Wiring (32 inch)

- 1.DRESSING WIRES AS FOLLOWS.
- 2.PUT FELT .
- 3.CONNECT A03 AND P7. CONNECT A04 AND P6.
- 4.ATTACH FERITE-CORE TO P5-CN1 WIRE LEAD.
- 5.PUT FELT TO FERITE-CORE.



AFTER HAVING PUT FELT

TMK2AA01187
FELT(t0.5×15×80)

PUT FELT TO COVER THE CORNER OF THE UPPER PART OF FERITE-CORE.

0±3

EDGE OF THIS SHAPE (REFERENCE LINE OF PUTTING FELT)

J0KF00000018(RFC-8)
FERITE-CORE

DETAIL:A

DETAIL:B

	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪								
A10-V1								●	●										
A02-CP	REFER TO DETAIL:B																		
A14-SPL	●	●	●	●	●	●	●		●										
A14-SPR								●	●										
CN501-P2											●								
CN1-P5										●									







11 Schematic Diagram

11.1. Schematic Diagram Notes

Important Safety Notice

Components identified by \triangle mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

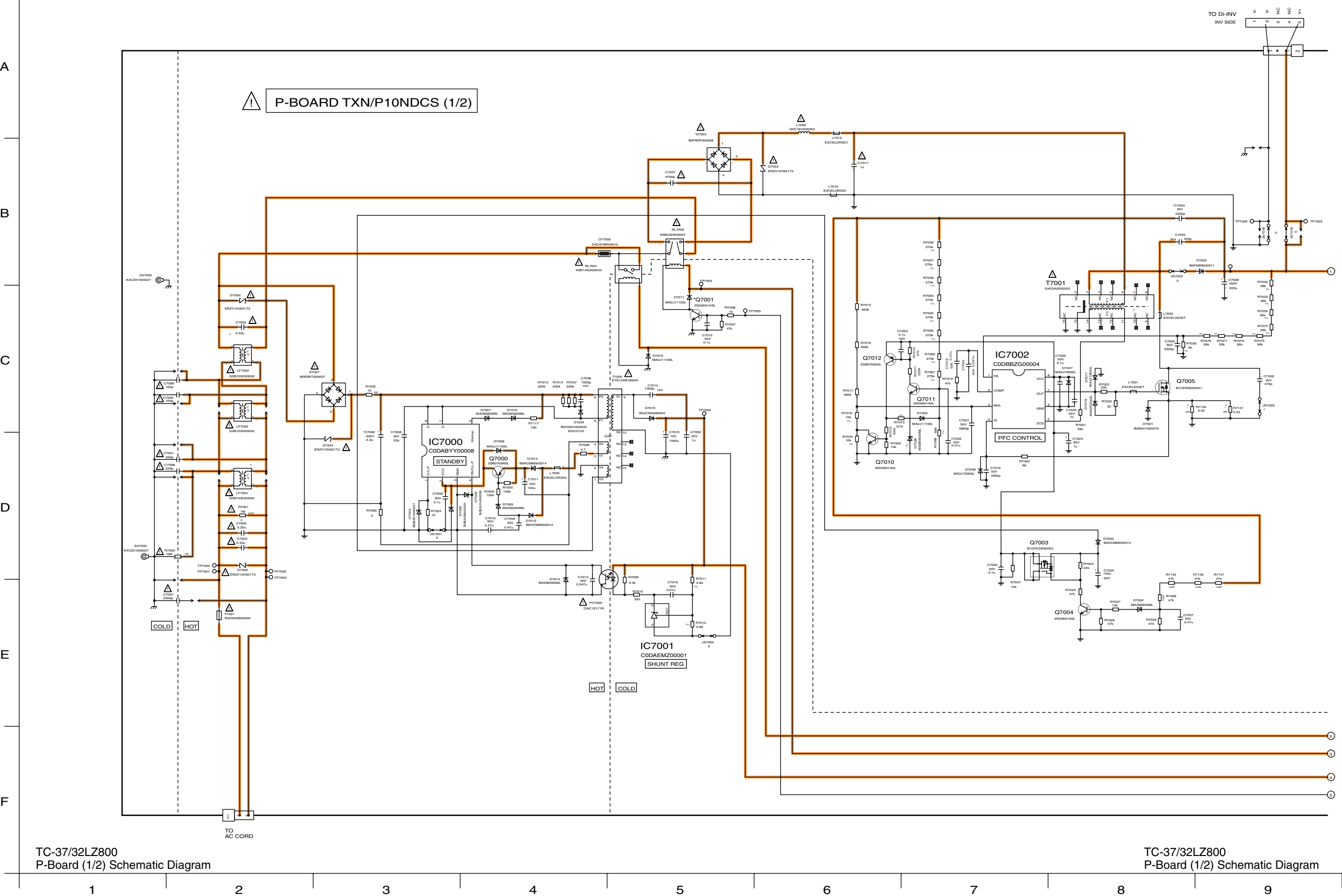
Notes:

- 1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
- 2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
- 3. Coil
Unit of inductance is H, unless otherwise noted.
- 4. Test Point
 : Test Point position
- 5. Earth Symbol
 : Chassis Earth (Cold)  : Line Earth (Hot)
- 6. Voltage Measurement
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC120V, 50/60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
- 7. When arrow mark () is found, connection is easily found from the direction of arrow.
- 8. Indicates the major signal flow. : Video  Audio 
- 9. This schematic diagram is the latest at the time of printing and subject to change without notice.

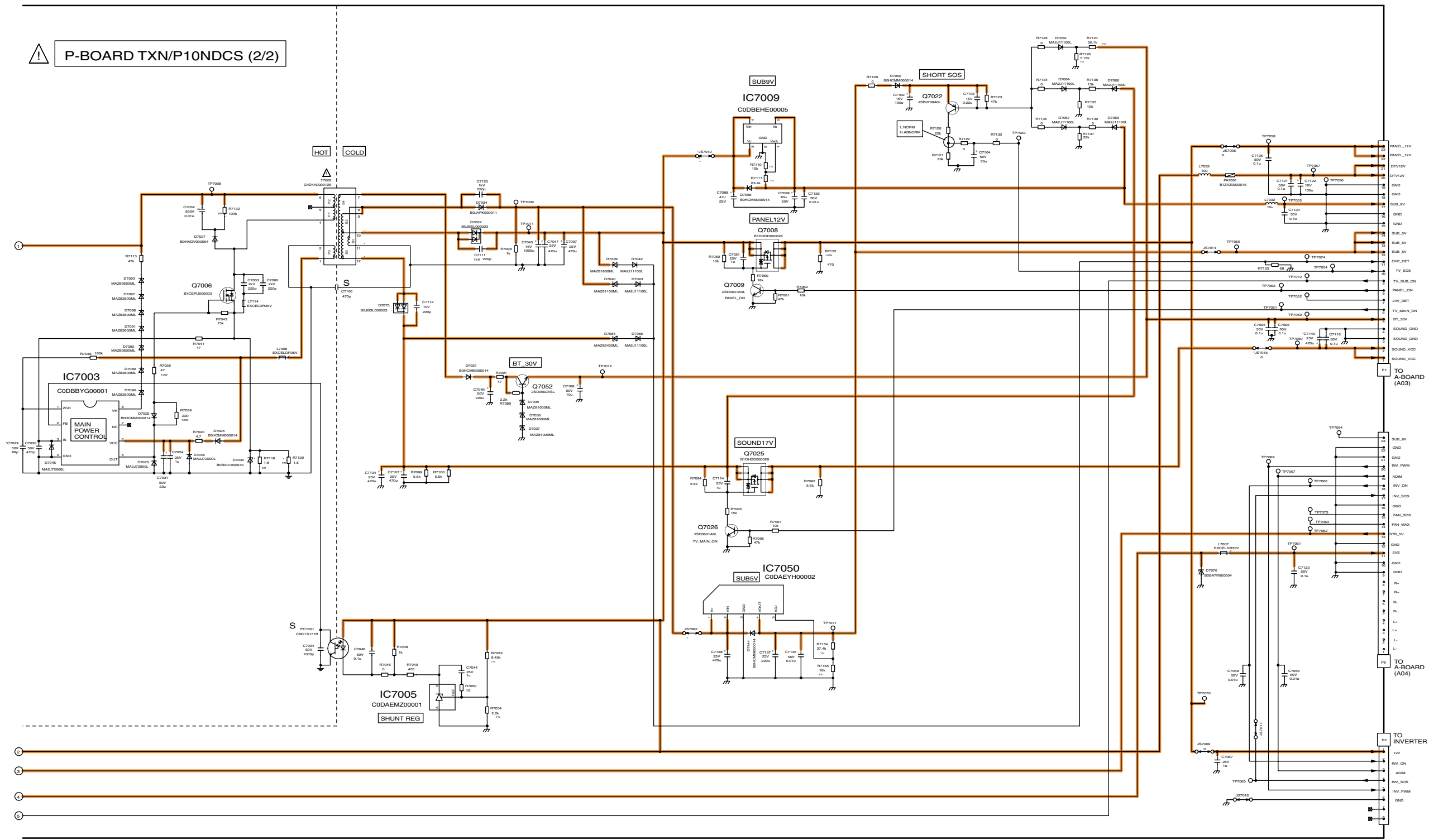
Remarks:

- 1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - d. Make sure to disconnect the power plug before removing the chassis.

11.2. P-Board (1/2) Schematic Diagram



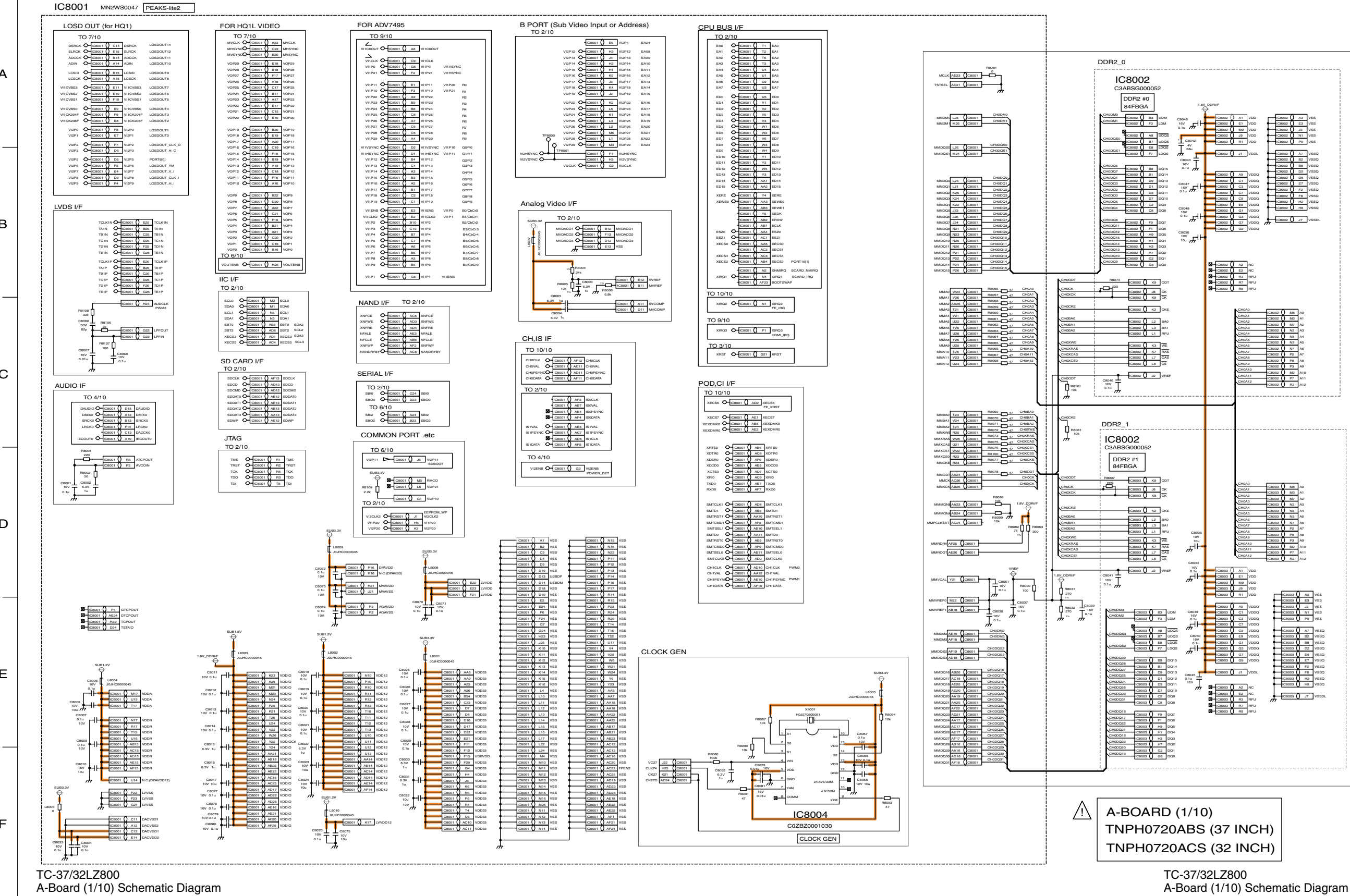
11.3. P-Board (2/2) Schematic Diagram



TC-37/32LZ800
P-Board (2/2) Schematic Diagram

TC-37/32LZ800
P-Board (2/2) Schematic Diagram

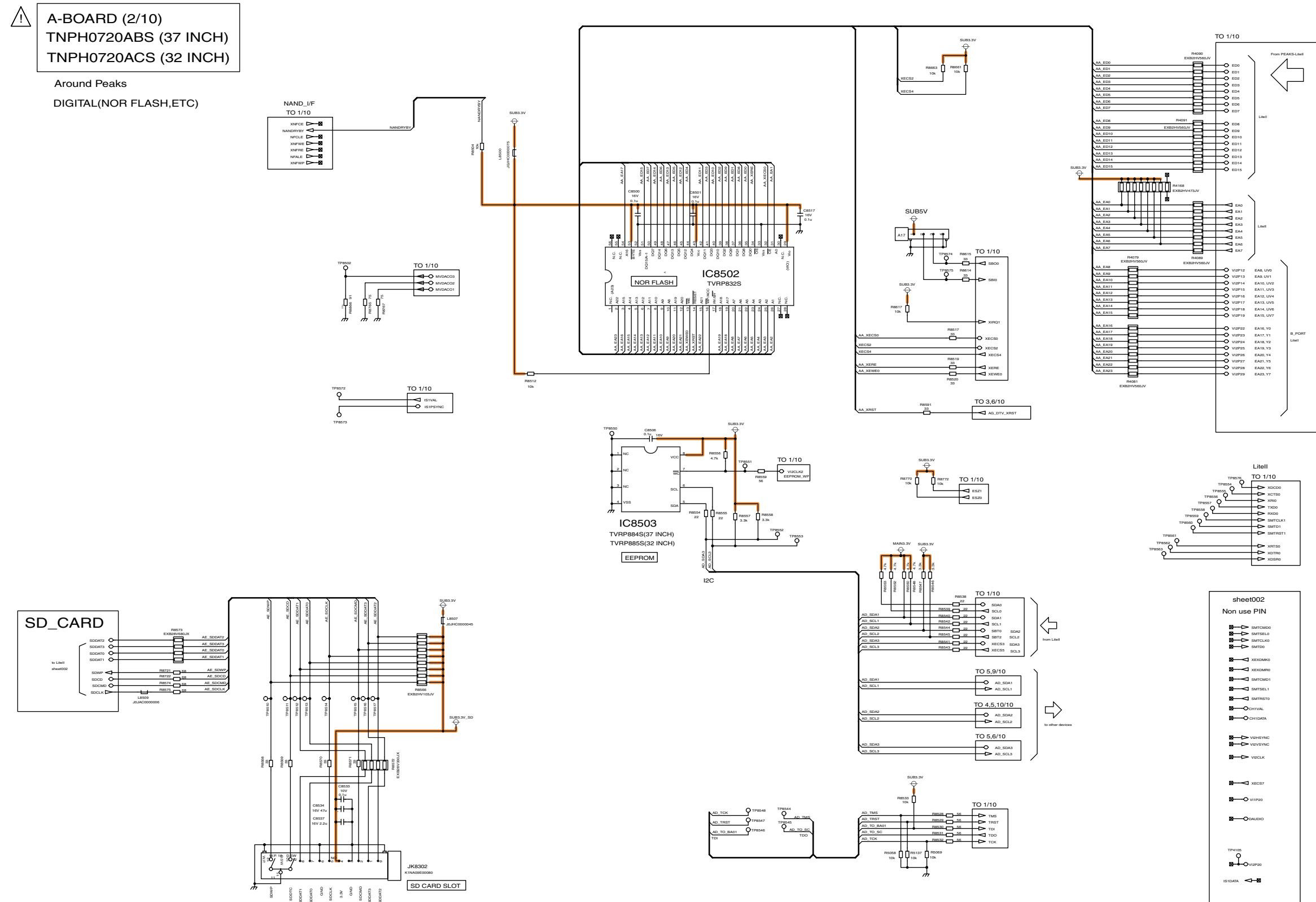
11.4. A-Board (1/10) Schematic Diagram



TC-37/32LZ800
A-Board (1/10) Schematic Diagram

TC-37/32LZ800
A-Board (1/10) Schematic Diagram

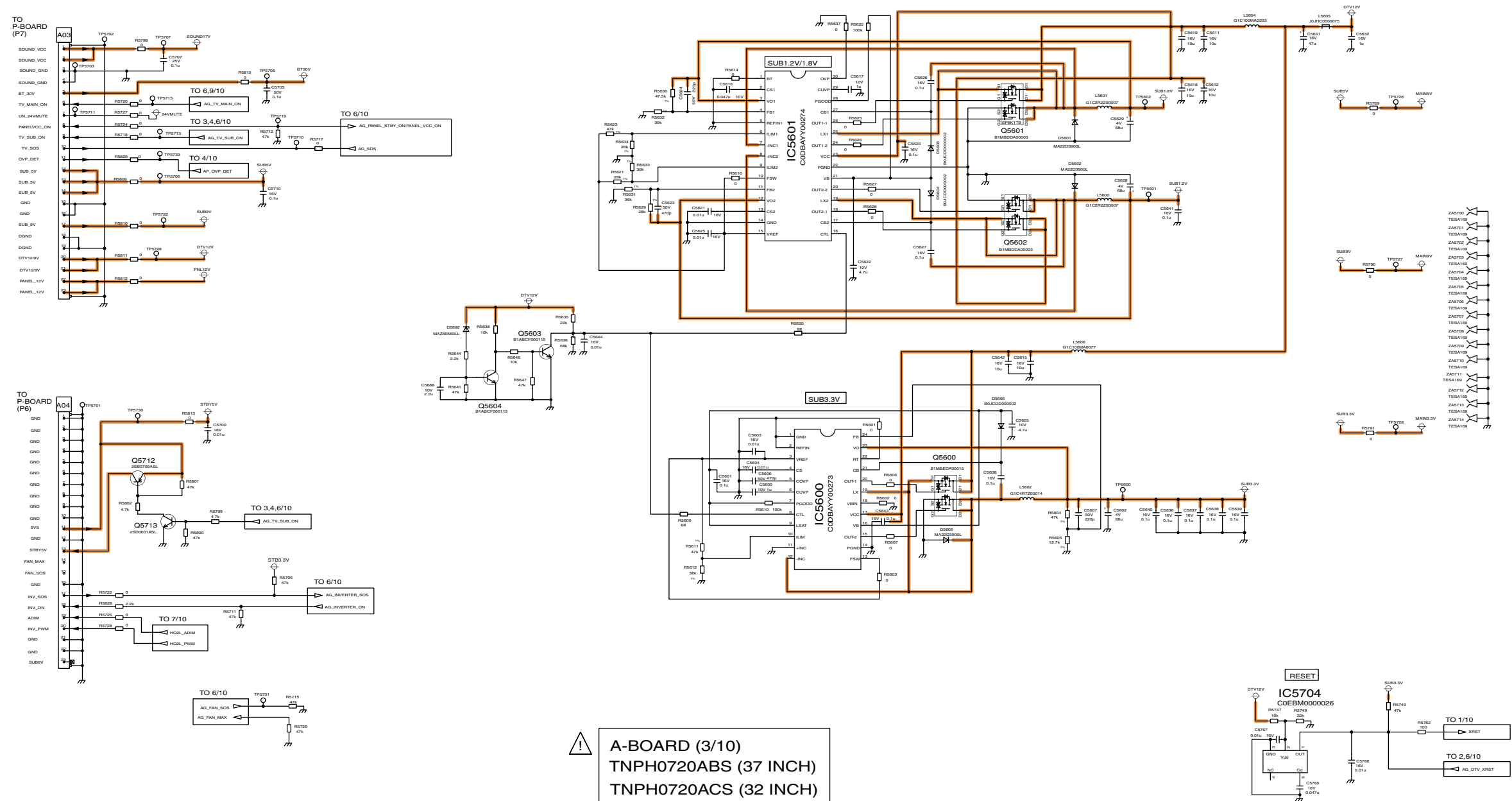
11.5. A-Board (2/10) Schematic Diagram



TC-37/32LZ800
A-Board (2/10) Schematic Diagram

TC-37/32LZ800
A-Board (2/10) Schematic Diagram

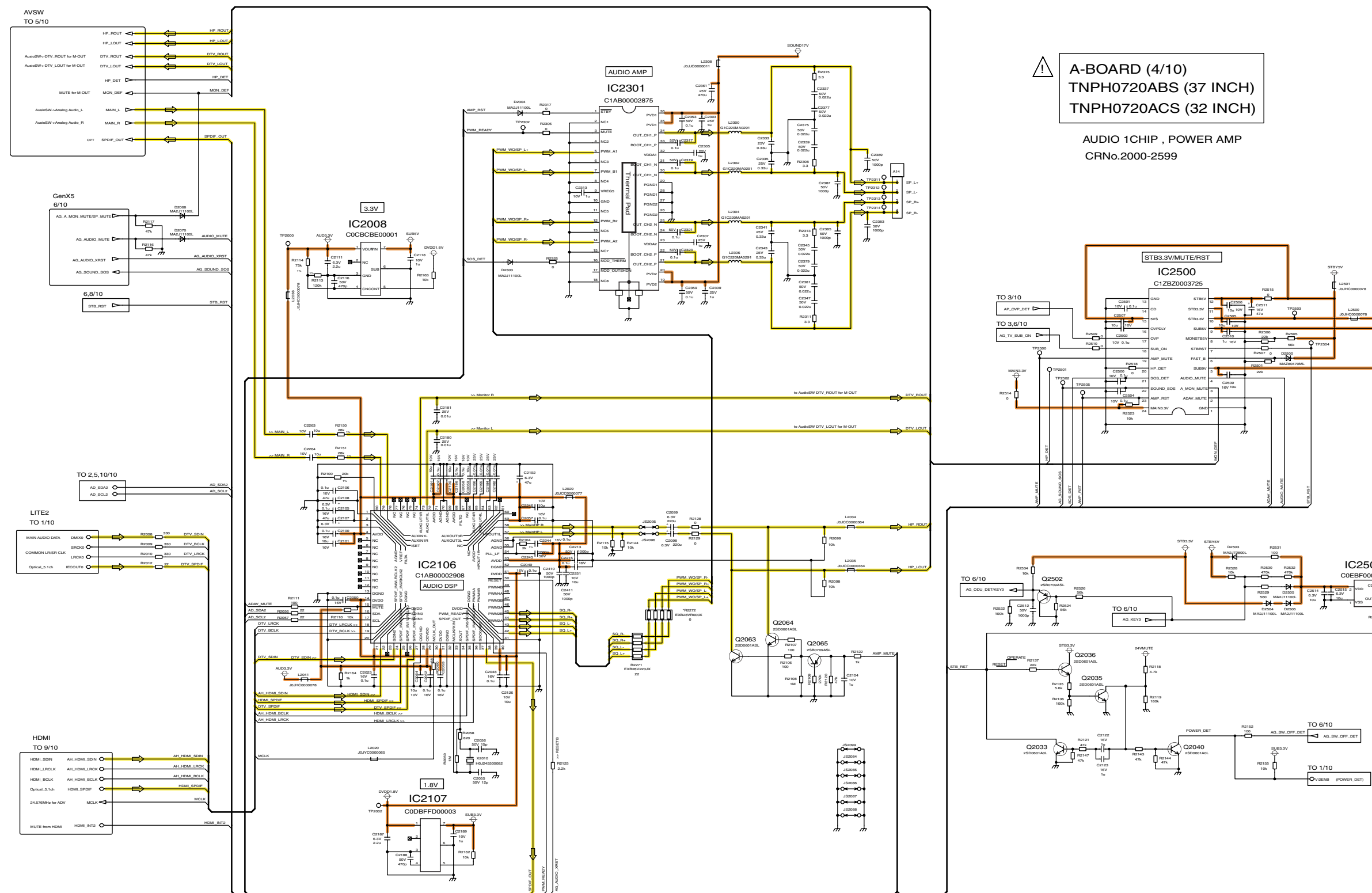
11.6. A-Board (3/10) Schematic Diagram



TC-37/32LZ800
A-Board (3/10) Schematic Diagram

TC-37/32LZ800
A-Board (3/10) Schematic Diagram

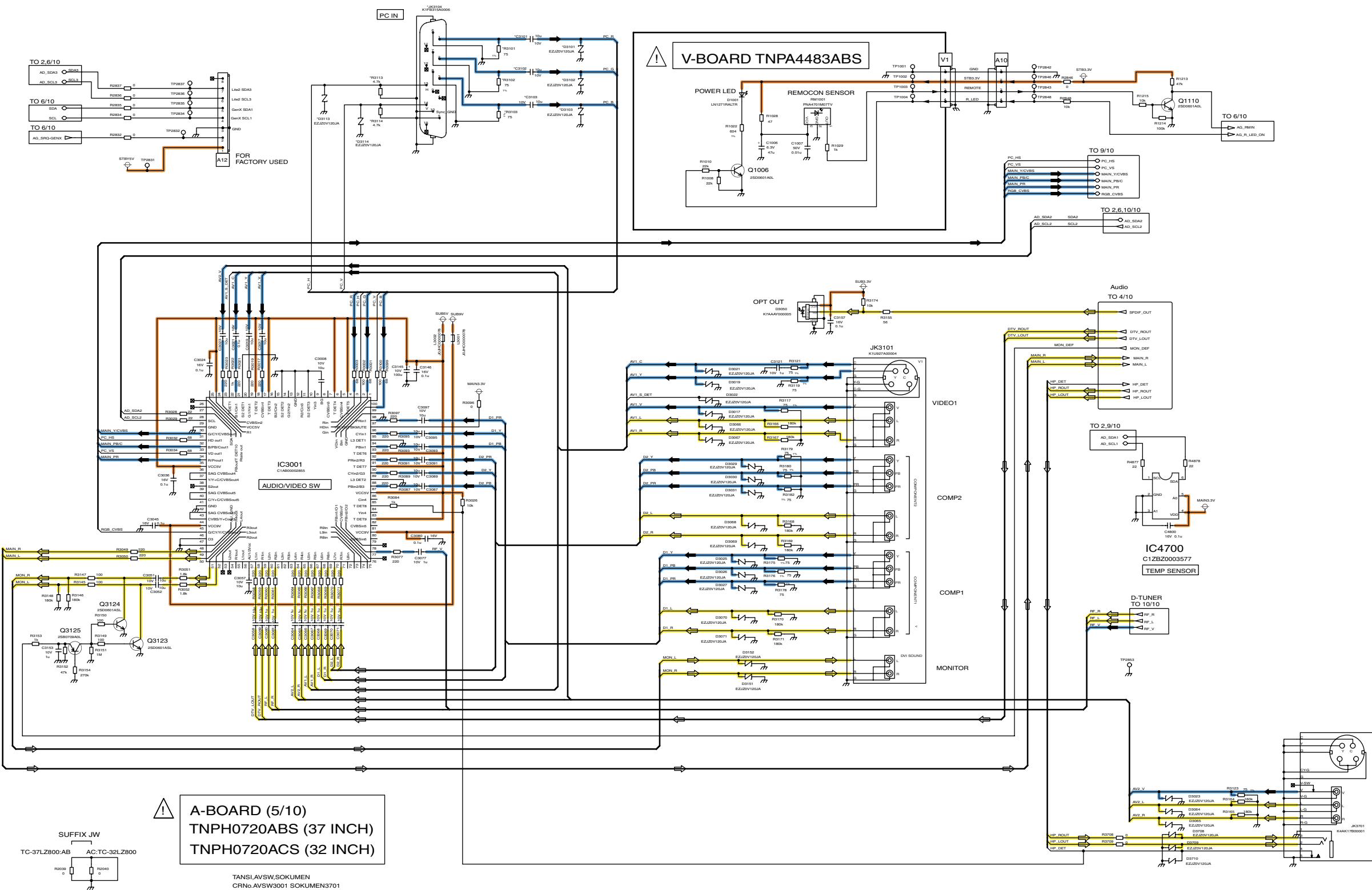
11.7. A-Board (4/10) Schematic Diagram



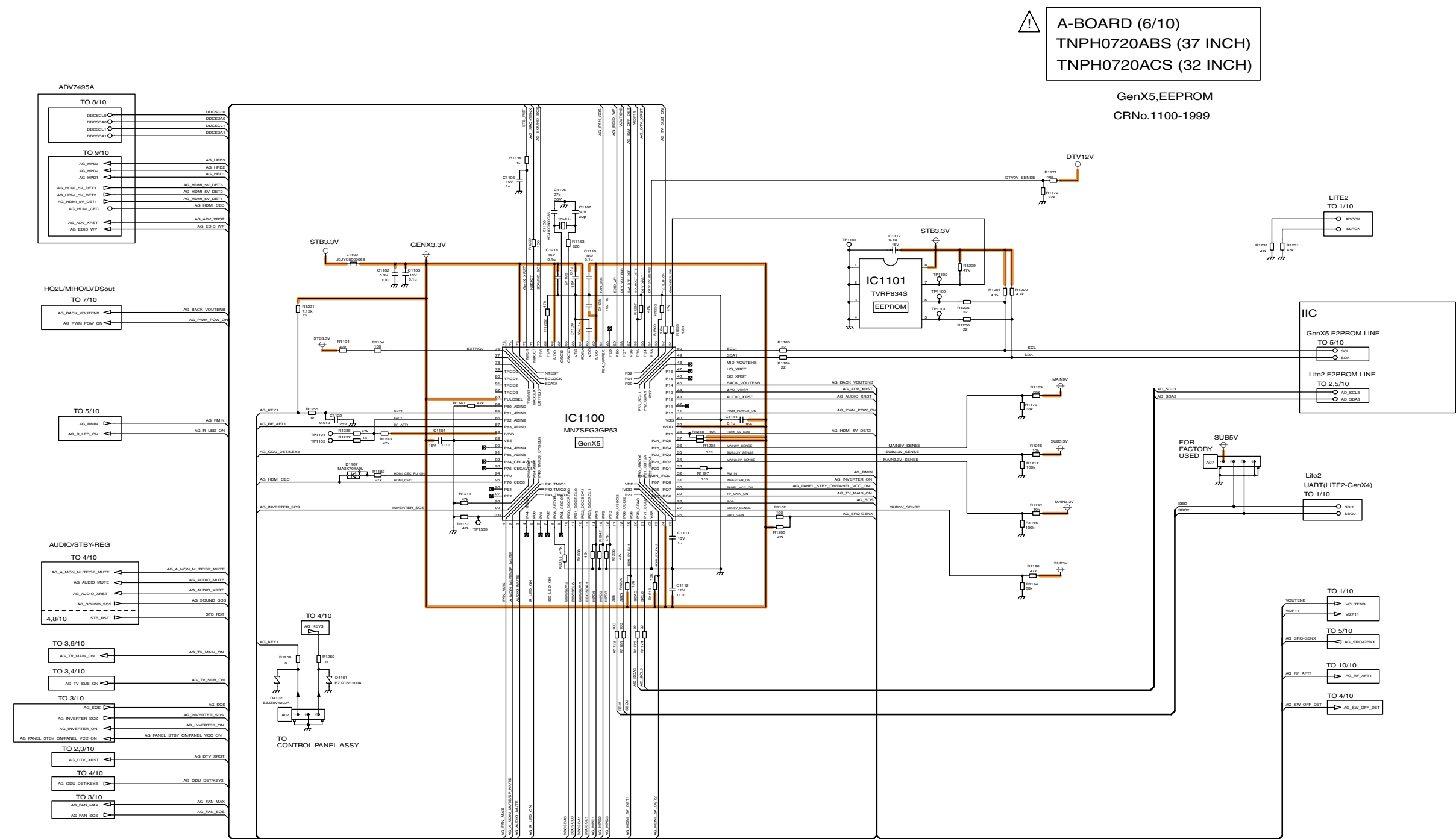
TC-37/32LZ800
A-Board (4/10) Schematic Diagram

TC-37/32LZ800
A-Board (4/10) Schematic Diagram

11.8. A-Board (5/10) and V-Board Schematic Diagram



11.9. A-Board (6/10) Schematic Diagram



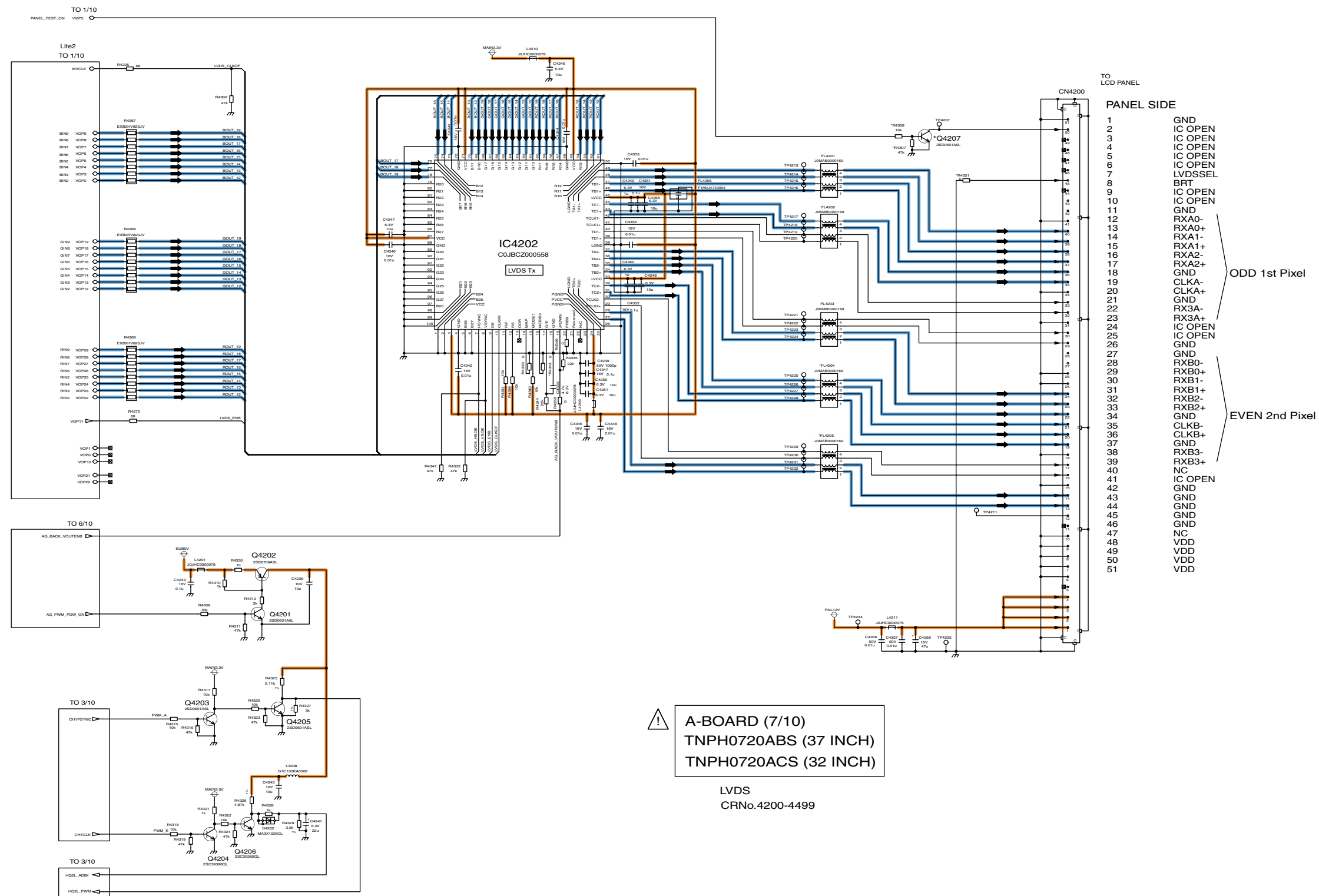
! A-BOARD (6/10)
TNPH0720ABS (37 INCH)
TNPH0720ACS (32 INCH)

GenX5,EEPROM
CRNo.1100-1999

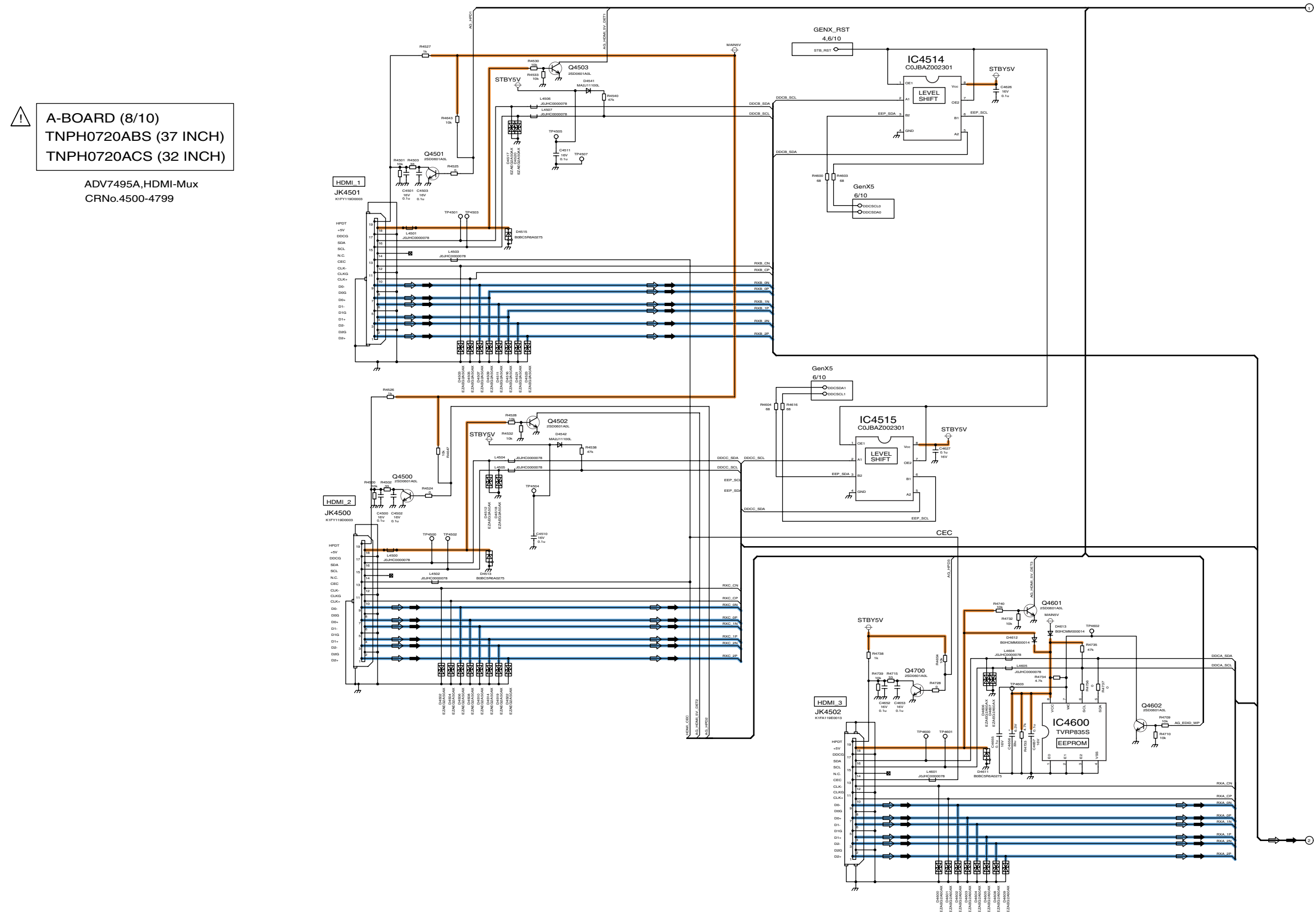
TC-37/32LZ800
A-Board (6/10) Schematic Diagram

TC-37/32LZ800
A-Board (6/10) Schematic Diagram

11.10. A-Board (7/10) Schematic Diagram

TC-37/32LZ800
A-Board (7/10) Schematic DiagramTC-37/32LZ800
A-Board (7/10) Schematic Diagram

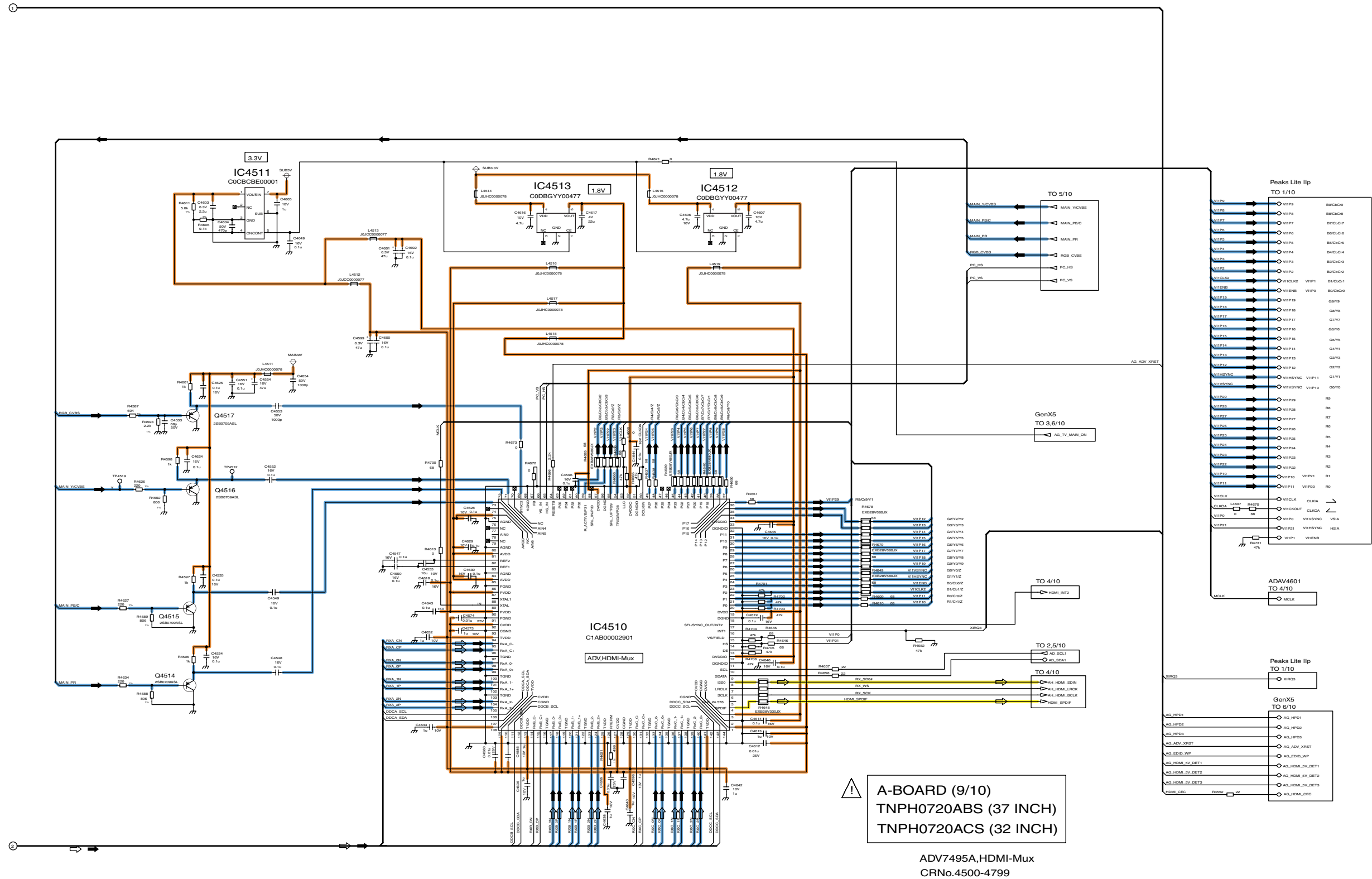
11.11. A-Board (8/10) Schematic Diagram



TC-37/32LZ800
A-Board (8/10) Schematic Diagram

TC-37/32LZ800
A-Board (8/10) Schematic Diagram

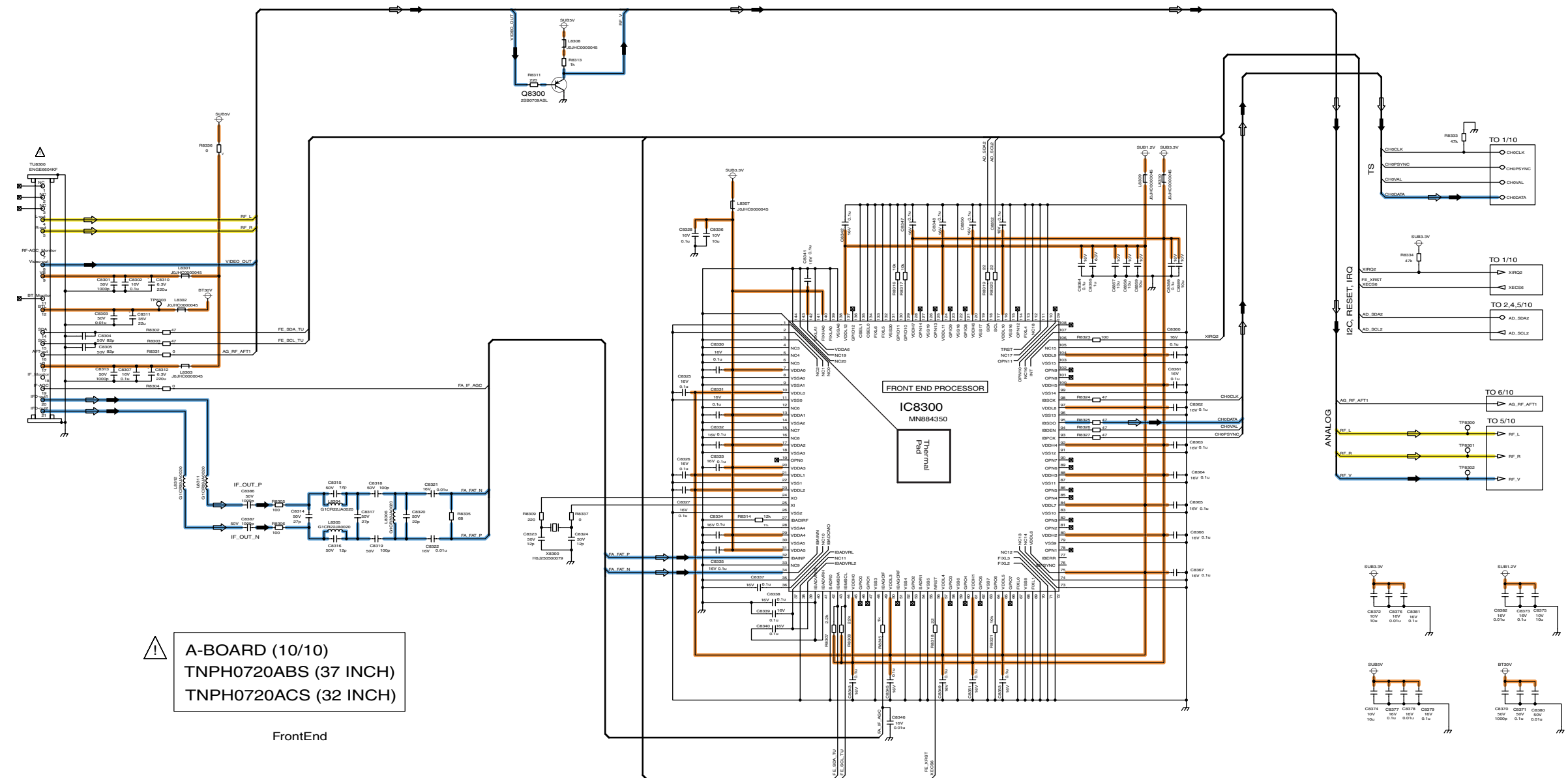
11.12. A-Board (9/10) Schematic Diagram



TC-37/32LZ800
A-Board (9/10) Schematic Diagram

TC-37/32LZ800
A-Board (9/10) Schematic Diagram

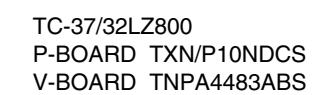
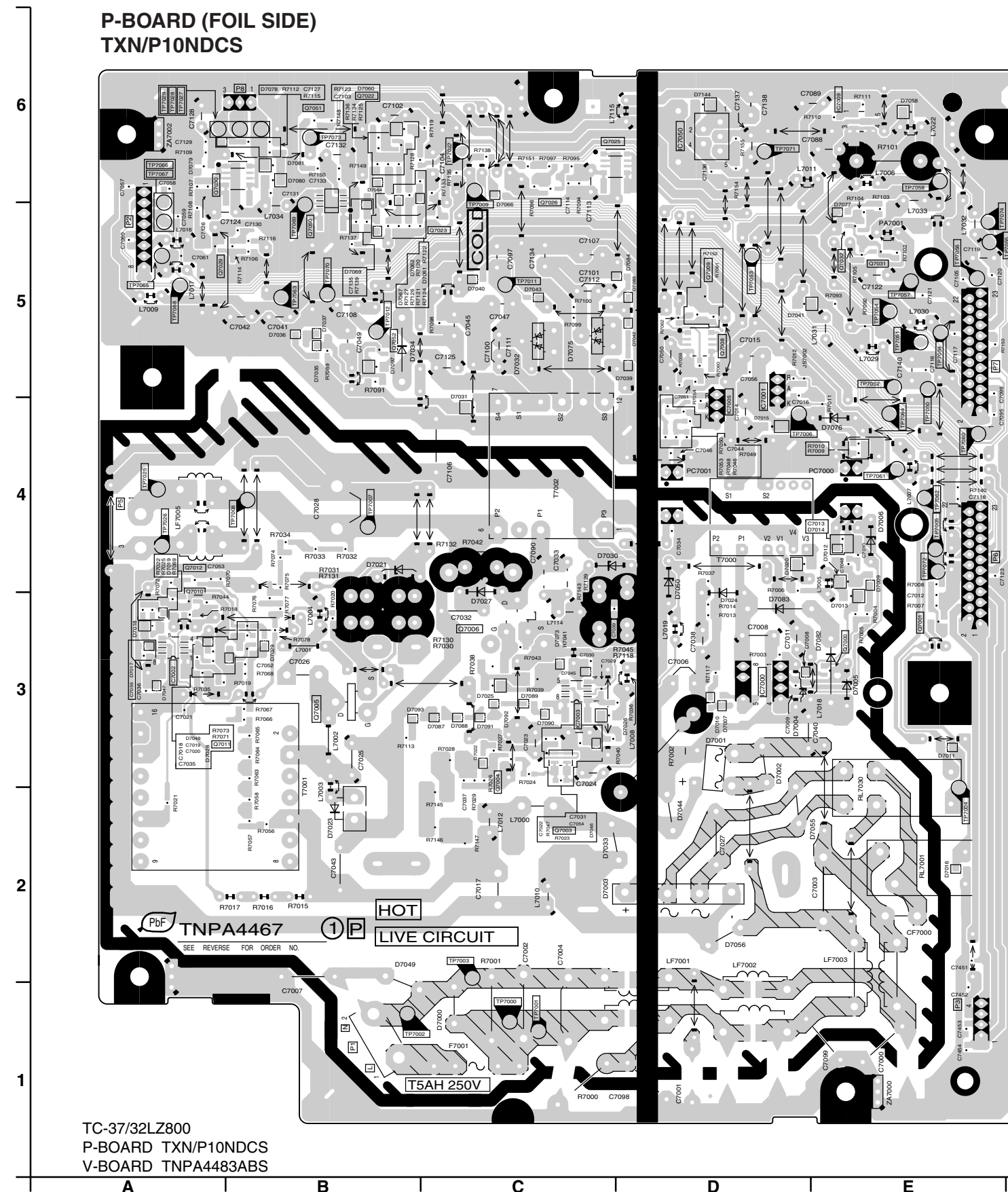
11.13. A-Board (10/10) Schematic Diagram



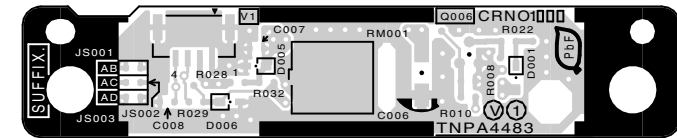
TC-37/32LZ800
A-Board (10/10) Schematic Diagram

TC-37/32LZ800
A-Board (10/10) Schematic Diagram

12.1. P-Board and V-Board



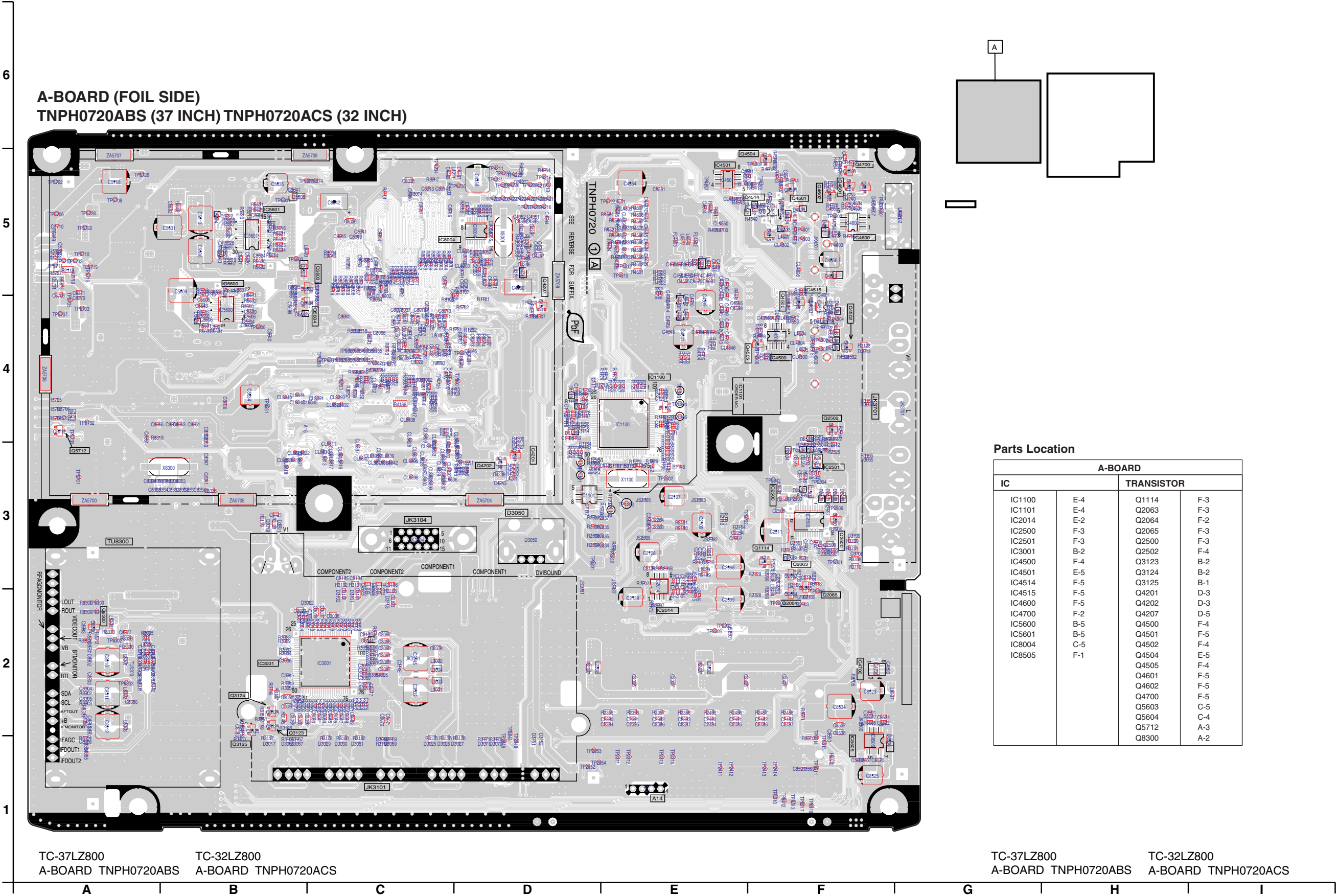
A



P-BOARD	
IC	
IC7000	B-3
IC7001	B-5
IC7050	C-6
TRANSISTOR	
Q7005	D-3
Q7006	D-3

TC-37/32LZ800

12.2. A-Board



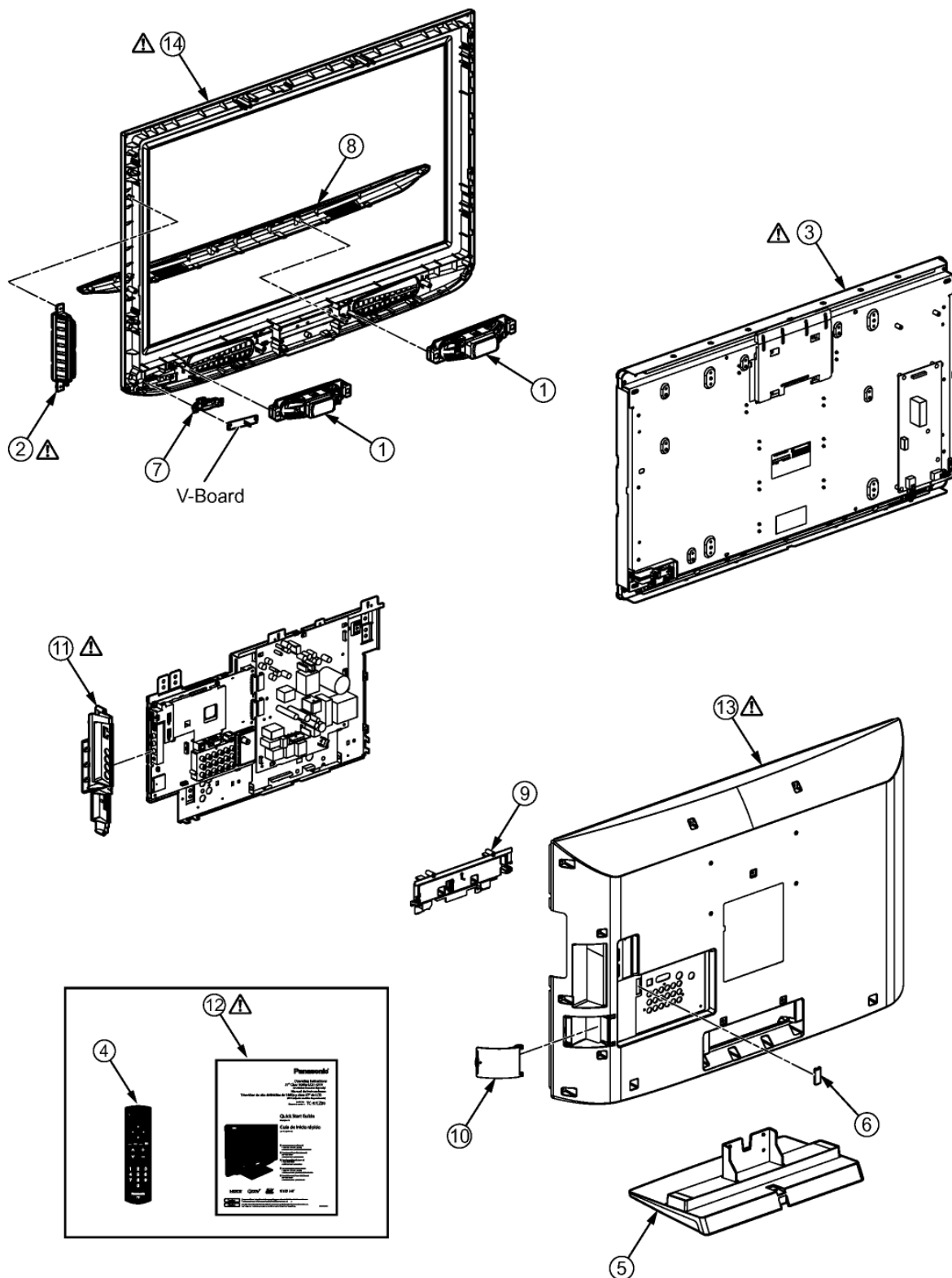
A-BOARD			
IC		TRANSISTOR	
IC2008	A-2	Q1110	C-1
IC2106	B-3	Q2033	A-3
IC2107	B-3	Q2035	B-3
IC2301	B-2	Q2036	A-3
IC2401	B-2	Q2040	B-3
IC4202	C-5	Q2100	B-2
IC4510	B-5	Q2501	A-3
IC4511	B-5	Q4203	E-4
IC4512	B-4	Q4204	F-4
IC4513	B-5	Q4205	E-4
IC5704	C-3	Q4206	F-4
IC8001	D-4	Q4503	B-5
IC8002	D-5	Q4514	C-4
IC8003	E-5	Q4515	C-4
IC8300	F-3	Q4516	C-4
IC8502	D-4	Q4517	C-4
IC8503	E-4	Q4519	C-4
		Q5600	E-4
		Q5601	E-5
		Q5602	E-5
		Q5706	F-5
		Q5707	F-5
		Q5708	F-4
		Q5709	F-5
		Q5710	F-5
		Q5711	F-5
		Q5713	F-3
		Q5806	F-4
		Q5807	F-5

TC-37LZ800	TC-32LZ800
A-BOARD TNPH0720ABS	A-BOARD TNPH0720ACS

13 Exploded View and Replacement Parts List

13.1. Exploded View and Mechanical Replacement Parts List

13.1.1. Exploded View



13.1.2. Mechanical Replacement Parts List

Note: Important Safety Notice
Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.
Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		10030-0035400	BATTERY DOOR	1	PAVCA
	1	EAS16S07A	SPEAKER W/BUSH	2	
		J0KF00000018	FILTER	1	
	2	K0RB00700010	CONTROL PANEL ASSY	1	CIRCUIT BOARD&PANERL PAVCA
		K1PY51Y00003	LVDS CABLE	1	PAVCA 37 INCH
		K1PY51Y00008	LVDS CABLE	1	PAVCA 32 INCH
		K2CB2YY00004	AC CORD	1	PAVCA 37 INCH
		K2CB2YY00005	AC CORD	1	PAVCA 32 INCH
	3	L5EDD8T00003	LCD PANEL	1	PAVCA 32 INCH
	3	L5EDD9T00005	LCD PANEL	1	PAVCA 37 INCH
	4	N2QAYB000220	REMOTE CONTROL	1	PAVCA
	5	TBLA0351	PEDESTAL ASSY	1	PAVCA 37 INCH
	5	TBLA0372	PEDESTAL ASSY	1	PAVCA 32 INCH
		THEL047J	SCREW (HDMI:2)	3	
		THEL052Z	SCREW (BC TOP:4)	4	
		THTF012J	SCREW (A8 P7)	15	
	6	TKK2AA7901	COVER (ADJ. WINDOW)	1	PAVCA
	7	TKK2AA9101	LED PANEL	1	PAVCA 37 INCH
	7	TKK2AA9201	LED PANEL	1	PAVCA 32 INCH
	8	TKP2AA10801	BOTTOM ORNAMENT	1	PAVCA 37 INCH
	8	TKP2AA10901	BOTTOM ORNAMENT	1	PAVCA 32 INCH
	9	TKP2AA5001	REAR CENTER COVER	1	PAVCA 32 INCH
	9	TKP2AA5601	REAR CENTER COVER	1	PAVCA 37 INCH
	10	TKR2AA00221	SD DOOR	1	PAVCA 37 INCH
	10	TKR2AA00231	SD DOOR	1	PAVCA 32 INCH
		TMM25401	CLAMPER	7	
		TMME047	CLAMPER	3	
		TMME084	CLAMPER	1	
		TMME287	CLAMPER	2	
	11	TXFKP03TSE	SIDE AV BRACKET	1	PAVCA
	12	TQB2AA0776	INSTRUCTION BOOK(ENG/SPA/FRENCH)	1	PAVCA
	13	TXFKU16TSE	REAR COVER	1	PAVCA 32 INCH
	13	TXFKU17TSE	REAR COVER ASSY	1	PAVCA 37 INCH
	14	TXFKY010NDC	CABINET ASSY	1	PAVCA 37 INCH
	14	TXFKY010NEC	CABINET ASSY	1	PAVCA 32 INCH
		TXFPE01RLTU	CLEANING CLOTH ASSY	1	
		TXJA140NEC	SPEAKER LEAD (A14-SP)	1	PAVCA
		XTB4+15JFJ	SCREW	12	37 INCH
		XTB4+15JFJ	SCREW	14	32 INCH
		XTB4+18JFJK	SCREW	4	37 INCH
		XTB4+18JFJK	SCREW (BCX11)	17	
		XTV3+10GFJK	SCREW(REAR BRKT2)	2	32 INCH
		XTV3+10JFJ	SCREW	7	37 INCH

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		XTV3+10JFJ	SCREW	4	32 INCH
		XTW3+12TFJ	SCREW	6	37 INCH
		XTW3+12TFJ	SCREW	4	32 INCH
		XYN3+J8FJ	SCREW	5	
		XYN4+F6FJ	SCREW (LCD BTM MTG)	11	32 INCH
		XYN4+F6FJ	SCREW (LCD BTM MTG)	13	37 INCH

13.2. Electrical Replacement Parts List

13.2.1. Replacement Parts List Notes

Important Safety Notice

*Components identified by \triangle mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.*

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 \triangle 100KOHM, \triangle 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF \triangle 0.01UF, \triangle 50V
Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polyprop	G : $\pm 3\text{pF}$
lene	J : $\pm 5\text{pF}$
T : Tantalum	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

13.2.2. Electrical Replacement Parts List

Note: All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.
Parts mentioned [PAVCA] are supplied by PAVCA.

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	A02	K1KA03A00632	3P CONNECTOR	1	
	A03	K1KY23AA0607	23P CONNECTOR	1	
	A04	K1KY23AA0607	23P CONNECTOR	1	
	A07	K1KA04BA0047	4P CONNECTOR	1	
	A10	K1KA04A00667	4P CONNECTOR	1	
	A12	K1KA08AA0728	8P CONNECTOR	1	
	A14	K1KA04AA0190	4P CONNECTOR	1	
	A17	K1KA04BA0047	4P CONNECTOR	1	
	C1006	F2G0J470A019	E 47UF 6.3V	1	
	C1007	F1H1H103A970	C 0.001UF, K, 50V	1	
	C1102	FIJ0J106A021	C 0.010UF, K, 16V	1	
	C1103,04	FIJ1C104A116	C 0.10UF, K, 16V	2	
	C1105	F1H1A1050032	C 10UF, 50V	1	
	C1106	F1H1H270A971	C 27UF, 50V	1	
	C1107	FIJ1H220A731	C 22UF, 50V	1	
	C1108	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C1109	F1H1A1050032	C 10UF, 50V	1	
	C1110	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C1111	F1H1A1050032	C 10UF, 50V	1	
	C1112	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C1114	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C1117	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C1122	FIJ1E103A123	C 0.010UF, K, 16V	1	
	C1123	F1H1A1050032	C 10UF, 50V	1	
	C1218	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2023	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2048-50	FIJ1C104A116	C 0.10UF, K, 16V	3	
	C2052,53	FIJ1C104A116	C 0.10UF, K, 16V	2	
	C2054	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C2055	FIJ1H120A731	C 12UF, 50V	1	
	C2056	FIJ1H150A731	C 15UF, 50V	1	
	C2057,58	FIJ1C104A116	C 0.10UF, K, 16V	2	
	C2059	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C2098,99	F2G0J2210013	E 220UF 6.3V	2	
	C2100	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2101	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C2102	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2104	F1H1A1050032	C 10UF, 50V	1	
	C2105,06	FIJ1C104A116	C 0.10UF, K, 16V	2	
	C2107,08	F2G0J470A019	E 47UF 6.3V	2	
	C2111	F1H0J2250008	C 2.2UF, K, 16V	1	
	C2116	F1H1H471A971	C 470UF, 50V	1	
	C2118	F1H1A1050032	C 10UF, 50V	1	
	C2122,23	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
	C2126	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C2180-82	FIJ1E103A123	C 0.010UF, K, 16V	3	
	C2184	FIJ1E103A123	C 0.010UF, K, 16V	1	
	C2186	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2187	F1H0J2250008	C 2.2UF, K, 16V	1	
	C2188	F1H1H471A971	C 470UF, 50V	1	
	C2189	F1H1A1050032	C 10UF, 50V	1	
	C2190,91	FIJ1A106A043	C 0.010UF, K, 10V	2	
	C2192	F2G0J470A019	E 47UF 6.3V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C2195,96	FIJ1E103A123	C 0.010UF, K, 16V	2	
	C2213	FIJ1H102A730	C 1000UF, 50V	1	
	C2216	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2244	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C2245	FIJ1H102A730	C 1000UF, 50V	1	
	C2246	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C2251	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C2263,64	FIJ1A106A043	C 0.010UF, K, 10V	2	
	C2303	FIJ1E105A171	C 1 UF 25V	1	
	C2305	FIJ1E105A171	C 1 UF 25V	1	
	C2307	FIJ1E105A171	C 1 UF 25V	1	
	C2309	FIJ1E105A171	C 1 UF 25V	1	
	C2313	F1H1A1050032	C 10UF, 50V	1	
	C2317	ECJ1VB1H104K	C 0.1UF, K, 50V	1	
	C2319	ECJ1VB1H104K	C 0.1UF, K, 50V	1	
	C2321	ECJ1VB1H104K	C 0.1UF, K, 50V	1	
	C2323	ECJ1VB1H104K	C 0.1UF, K, 50V	1	
	C2333	FIJ1E3340003	C 0.33UF, Z, 25V	1	
	C2335	FIJ1E3340003	C 0.33UF, Z, 25V	1	
	C2337	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2339	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2341	FIJ1E3340003	C 0.33UF, Z, 25V	1	
	C2343	FIJ1E3340003	C 0.33UF, Z, 25V	1	
	C2345	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2347	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2353	ECJ1VB1H104K	C 0.1UF, K, 50V	1	
	C2359	ECJ1VB1H104K	C 0.1UF, K, 50V	1	
	C2361	F2G1E4710007	E 470UF, 25V	1	
	C2375	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2377	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2379	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2381	F1H1H223A970	C 0.22UF, K, 50V	1	
	C2383	FIJ1H102A730	C 1000UF, 50V	1	
	C2385	FIJ1H102A730	C 1000UF, 50V	1	
	C2387	FIJ1H102A730	C 1000UF, 50V	1	
	C2389	FIJ1H102A730	C 1000UF, 50V	1	
	C2410,11	FIJ1H102A730	C 1000UF, 50V	2	
	C2500-02	FIJ1A104A012	C 0.01UF, K, 10V	3	
	C2504	FIJ1A104A012	C 0.01UF, K, 10V	1	
	C2505-07	FIJ1A106A043	C 0.010UF, K, 10V	3	
	C2509	F1K1C1060004	C 0.010UF, 16V	1	
	C2510	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
	C2511	F2G1C470A022	E 47UF, 16V	1	
	C2512	F1H1H102A971	C 1000PF, K, 50V	1	
	C2514,15	FIJ0J106A020	C 0.010UF, K, 16V	2	
	C2516	FIJ1H101A731	C 100PF, K, 50V	1	
	C3008	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C3017	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C3019	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C3021	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C3023	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C3024	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C3036	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C3045	FIJ1C104A116	C 0.10UF, K, 16V	1	
	C3051,52	FIJ1A106A043	C 0.010UF, K, 10V	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C3057-59	F1J1A106A043	C 0.010UF, K, 10V	3	
	C3060,61	F1H1A1050032	C 10UF, 50V	2	
	C3064-71	F1H1A1050032	C 10UF, 50V	8	
	C3077	F1H1A1050032	C 10UF, 50V	1	
	C3080	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3087	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3089	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3091	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3093	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3095	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3097	F1J1A106A043	C 0.010UF, K, 10V	1	
	C3101-03	F1J1A106A043	C 0.010UF, K, 10V	3	
	C3121	F1H1A1050032	C 10UF, 50V	1	
	C3145	F2G1A101A019	E 100UF, 10V	1	
	C3146	F1G1C104A116	C 0.10UF, K, 16V	1	
	C3153	F1H1A1050032	C 10UF, 50V	1	
	C3157	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4239,40	F1J1A106A043	C 0.010UF, K, 10V	2	
	C4241	F2G0J220A019	E 100UF 6.3V	1	
	C4243	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4246-48	F1J0J106A020	C 0.010UF, K, 16V	3	
	C4249	F1G1H102A730	C 1000UF, 50V	1	
	C4250,51	F1J0J106A020	C 0.010UF, K, 16V	2	
	C4303	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
	C4340-42	F1G1C1030008	C 0.010UF, K, 16V	3	
	C4344	F1G1C1030008	C 0.010UF, K, 16V	1	
	C4346	F1G1C1030008	C 0.010UF, K, 16V	1	
	C4347	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4348	F1G1C1030008	C 0.010UF, K, 16V	1	
	C4349,50	F1H0J1050012	C 1UF, K, 16V	2	
	C4351,52	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4353,54	F1G1C1030008	C 0.010UF, K, 16V	2	
	C4355	F1J0J106A020	C 0.010UF, K, 16V	1	
	C4356,57	F1H1H103A970	C 0.001UF, K, 50V	2	
	C4358	F2G1C470A022	E 47UF, 16V	1	
	C4500-03	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4510,11	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4533	F1G1H680A731	C 68UF, 50V	1	
	C4534,35	F1H1C104A143	C 0.1UF, K, 16V	2	
	C4547	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4548,49	F1H1C104A143	C 0.1UF, K, 16V	2	
	C4550	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4551,52	F1H1C104A143	C 0.1UF, K, 16V	2	
	C4553	F1G1H102A730	C 1000UF, 50V	1	
	C4554	F2G1C470A022	E 47UF, 16V	1	
	C4555	F1J1A106A043	C 0.010UF, K, 10V	1	
	C4574	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4575	F1H1A1050032	C 10UF, 50V	1	
	C4580	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4585	F1H1A1050032	C 10UF, 50V	1	
	C4595	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4596	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4598	F1H1A1050032	C 10UF, 50V	1	
	C4599	F2G0J470A019	E 47UF 6.3V	1	
	C4600	F1G1C104A116	C 0.10UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C4601	F2G0J470A019	E 47UF 6.3V	1	
	C4602	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4603	F1H0J2250008	C 2.2UF, K, 16V	1	
	C4604	ECJ0EB1H471K	C 470PF, K, 50V	1	
	C4605	F1H1A1050032	C 10UF, 50V	1	
	C4606,07	F1J1A475A039	C 4.7UF, K, 10V	2	
	C4612	F1G1E103A123	C 0.010UF, K, 16V	1	
	C4613	F1H1A1050032	C 10UF, 50V	1	
	C4614	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4616	F1J1A475A039	C 4.7UF, K, 10V	1	
	C4617	F1J0G2260001	C 0.001UF, 6.3V	1	
	C4618,19	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4624,25	F1H1C104A143	C 0.1UF, K, 16V	2	
	C4626-30	F1G1C104A116	C 0.10UF, K, 16V	5	
	C4632	F1H1A1050032	C 10UF, 50V	1	
	C4634	F1H1A1050032	C 10UF, 50V	1	
	C4636	F1H1A1050032	C 10UF, 50V	1	
	C4638	F1H1A1050032	C 10UF, 50V	1	
	C4640	F1H1A1050032	C 10UF, 50V	1	
	C4642	F1H1A1050032	C 10UF, 50V	1	
	C4643-46	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4649	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4652,53	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4654	F1G1H102A730	C 1000UF, 50V	1	
	C4655	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4656	F2G0J330A019	E 33UF 6.3V	1	
	C4657	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4800	F1G1C104A081	C 0.10UF, K, 16V	1	
	C5600	F1H1A1050032	C 10UF, 50V	1	
	C5601	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5602	ECGRLOG680ER	C 68PF, J, 4V	1	
	C5603,04	F1G1C1030008	C 0.010UF, K, 16V	2	
	C5605	F1J1A475A039	C 4.7UF, K, 10V	1	
	C5606	ECJ0EB1H471K	C 470PF, K, 50V	1	
	C5607	F1G1H221A459	C 220UF, 50V	1	
	C5608	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5611,12	F1K1C1060004	C 0.010UF, 16V	2	
	C5615	F1K1C1060004	C 0.010UF, 16V	1	
	C5616	F1G1A473A053	C 0.47UF, 10V	1	
	C5617	F1H1A1050032	C 10UF, 50V	1	
	C5618,19	F1K1C1060004	C 0.010UF, 16V	2	
	C5620	F1H1C104A143	C 0.1UF, K, 16V	1	
	C5621	F1G1C1030008	C 0.010UF, K, 16V	1	
	C5622	F1J1A475A039	C 4.7UF, K, 10V	1	
	C5623	ECJ0EB1H471K	C 470PF, K, 50V	1	
	C5624	F1G1H221A459	C 220UF, 50V	1	
	C5625	F1G1C1030008	C 0.010UF, K, 16V	1	
	C5626,27	F1G1C104A116	C 0.10UF, K, 16V	2	
	C5628,29	ECGRLOG680ER	C 68PF, J, 4V	2	
	C5631	F2G1C470A022	E 47UF, 16V	1	
	C5632	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
	C5636-41	F1G1C104A116	C 0.10UF, K, 16V	6	
	C5642	F1K1C1060004	C 0.010UF, 16V	1	
	C5643	F1H1C104A143	C 0.1UF, K, 16V	1	
	C5644	F1G1C1030008	C 0.010UF, K, 16V	1	
	C5688	F1H1A225A051	C 22UF, 50V	1	
	C5700	F1G1C1030008	C 0.010UF, K, 16V	1	
	C5705	F1J1H104A835	C 0.10UF, 50V	1	
	C5707	F1H1E104A129	C 0.1UF, 25V	1	
	C5710	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5765	F1G1A473A053	C 0.47UF, 10V	1	
	C5766,67	F1G1C1030008	C 0.010UF, K, 16V	2	
⚠	C7000	ECKCNA101MB7	C 100PF M 250V	1	
⚠	C7001	ECKCNA221MB7	C 220PF	1	
⚠	C7002-04	ECQU2A334BN9	P 0.33UF, M, 250V	3	
	C7006	F2A2G2R2A002	E 2.2UF, 400V	1	PAVCA
⚠	C7007	ECKDNA222ME	C 2200PF,	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C7008	ECCD3D220KGE	C 22PF, K, 2KV	1	
	C7009	FIJ1H104A835	C 0.10UF, 50V	1	
	C7010	FIJ1H474A757	C 0.47UF, 50V	1	
	C7011	F2A1H1010047	E 100UF, 50V	1	
	C7012	FIJ1H104A835	C 0.10UF, 50V	1	
	C7013	FIJ1H473A835	C 0.047UF, 50V	1	PAVCA
	C7014	ECKR3A102KBP	C 1000 PF K 1KV	1	
	C7015	F2A1A102A214	E 1000UF, 10V	1	
	C7016	FIJ1H103A834	C 0.01UF, K, 50V	1	
△	C7017	ECQE2W105L28	C 1UF, 450V	1	
	C7018	FIJ1H474A757	C 0.47UF, 50V	1	
	C7019	ECJ2XB1H332K	C 3300PF, K, 50V	1	
	C7020	FIJ1H473A835	C 0.047UF, 50V	1	PAVCA
	C7021	FIJ1H682A834	C 6800UF, 50V	1	PAVCA
	C7022	FIJ1H104A835	C 0.10UF, 50V	1	
	C7023	F2A1H1R0A165	E 1UF, 50V	1	PAVCA
	C7024	F2A1H1010047	E 100UF, 50V	1	
	C7025	ECKD3D331KBP	C 330PF, K, 2KV	1	
	C7026	ECKD3D471KBP	C 470PF, K, 2KV	1	
△	C7027	ECKCNA472ME7	C 4700PF, Z,	1	PAVCA
	C7028	F2A2W2210001	E 220UF 450V	1	PAVCA
	C7029	FIJ1H680A836	C 68PF, K, 50V	1	
	C7030	FIJ1H471A836	C 470UF, 50V	1	
	C7031	ECA1HM330	E 33UF, 50V	1	
	C7032	ECQE6103KF	P 0.01UF, J, 630V	1	
	C7033	ECKW3D221KBP	C 220PF J 2KV	1	
	C7034	FIJ1H102A836	C 1000UF, 50V	1	
	C7035	FIJ1H332A834	C 3300UF, 50V	1	PAVCA
	C7036	FIJ1H104A835	C 0.10UF, 50V	1	
	C7037	FIJ1H474A757	C 0.47UF, 50V	1	
	C7038	ECKR3A102KBP	C 1000 PF K 1KV	1	
	C7043	ECKD3D222JBP	C 2200PF, J, 2KV	1	
	C7044	FIJ1E105A171	C 1 UF 25V	1	
	C7045	F2A1C1020027	E 1000UF, 16V	1	
	C7046	FIJ1H104A835	C 0.10UF, 50V	1	
	C7047	F2A1E471A102	E 470UF, 25V	1	
	C7048	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	C7049	F2A1H221A253	E 220UF, 50V	1	
	C7051	FIJ1E105A171	C 1 UF 25V	1	
	C7052	FIJ1H103A834	C 0.01UF, K, 50V	1	
	C7053	FIJ1H104A835	C 0.10UF, 50V	1	
	C7054-57	FIJ1E105A171	C 1 UF 25V	4	
	C7058,59	FIJ1H103A834	C 0.01UF, K, 50V	2	
	C7088	F2A1E470A454	E 47UF, 25V	1	
	C7089	ECA1HM100	E 10UF, 50V	1	
	C7090	ECKW3D221KBP	C 220PF J 2KV	1	
	C7095,96	FIJ1H104A835	C 0.10UF, 50V	2	
	C7097	F2A1E471A102	E 470UF, 25V	1	
△	C7098	ECKCNA221MB7	C 220PF	1	
△	C7099	ECKCNA101MB7	C 100PF M 250V	1	
	C7102	F2A1C101A121	E 100UF, 16V	1	
	C7103	FIJ1C224A194	C 0.22UF, Z, 16V	1	PAVCA
	C7104	ECA1HM330	E 33UF, 50V	1	
	C7105	FIJ1H104A835	C 0.10UF, 50V	1	
△	C7106	ECKCNA471MB7	C 470PF M 250V	1	
	C7107	F2A1E471A102	E 470UF, 25V	1	
	C7108	ECA1HM100	E 10UF, 50V	1	
	C7111,12	ECKD3A221KBP	C 220PF, K, 1KV	2	
	C7114	FIJ1E105A171	C 1 UF 25V	1	
	C7116	FIJ1H104A835	C 0.10UF, 50V	1	
	C7120,21	FIJ1H104A835	C 0.10UF, 50V	2	
	C7122	F2A1C101A244	E 100UF, 16V	1	
	C7123	FIJ1H104A835	C 0.10UF, 50V	1	
	C7125	ECKD3A221KBP	C 220PF, K, 1KV	1	
	C7134	F2A1E471A102	E 470UF, 25V	1	
	C7135,36	FIJ1H103A834	C 0.01UF, K, 50V	2	
	C7137	F2A1E221A487	E 220UF, 25V	1	
	C7138	F2A1E471A218	E 470UF, 25V	1	
	C7140	F2A1E471A218	E 470UF, 25V	1	
	C8001	FIg1A104A012	C 0.01UF, K, 10V	1	
	C8002-05	FIH0J1050012	C 1UF, K, 16V	4	
	C8006-08	FIg1A104A012	C 0.01UF, K, 10V	3	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C8009,10	FIJ1A106A043	C 0.010UF, K, 10V	2	
	C8011-14	FIg1A104A012	C 0.01UF, K, 10V	4	
	C8015,16	FIH0J1050012	C 1UF, K, 16V	2	
	C8017	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8018-21	FIg1A104A012	C 0.01UF, K, 10V	4	
	C8022	FIH0J1050012	C 1UF, K, 16V	1	
	C8023,24	FIJ1A106A043	C 0.010UF, K, 10V	2	
	C8025-29	FIg1A104A012	C 0.01UF, K, 10V	5	
	C8030,31	FIH0J1050012	C 1UF, K, 16V	2	
	C8032	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8033,34	FIg1A104A012	C 0.01UF, K, 10V	2	
	C8035,36	FIJ1A106A043	C 0.010UF, K, 10V	2	
	C8037-41	FIg1C104A081	C 0.10UF, K, 16V	5	
	C8042	ECGRLOG680ER	C 68PF, J, 4V	1	
	C8043-51	FIg1C104A081	C 0.10UF, K, 16V	9	
	C8052	FIH0J1050012	C 1UF, K, 16V	1	
	C8053	FIg1C1030008	C 0.010UF, K, 16V	1	
	C8056,57	FIg1A104A012	C 0.01UF, K, 10V	2	
	C8058	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8067	FIg1C1030008	C 0.010UF, K, 16V	1	
	C8068	FIg1A104A012	C 0.01UF, K, 10V	1	
	C8069	FIg1H820A731	C 82UF, 50V	1	
	C8070-74	FIg1A104A012	C 0.01UF, K, 10V	5	
	C8075	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8076-80	FIg1A104A012	C 0.01UF, K, 10V	5	
	C8081	FIg1C1030008	C 0.010UF, K, 16V	1	
	C8301	FIg1H102A730	C 1000UF, 50V	1	
	C8302	FIg1C104A116	C 0.10UF, K, 16V	1	
	C8303	FIg1H103A735	C 0.01UF, 50V	1	
	C8304,05	FIg1H221A731	C 220UF, 50V	2	
	C8307	FIg1C104A116	C 0.10UF, K, 16V	1	
	C8310	F2G0J2210013	E 220UF 6.3V	1	
	C8311	F2G1V220A020	E 22UF, 35V	1	
	C8312	F2G0J2210013	E 220UF 6.3V	1	
	C8313	FIg1H102A730	C 1000UF, 50V	1	
	C8314	FIg1H270A731	C 27UF, 50V	1	
	C8315,16	FIg1H120A731	C 12UF, 50V	2	
	C8317	FIg1H270A731	C 27UF, 50V	1	
	C8318,19	FIg1H101A731	C 100PF, K, 50V	2	
	C8320	FIg1H220A731	C 22UF, 50V	1	
	C8321,22	FIg1C1030008	C 0.010UF, K, 16V	2	
	C8323,24	FIg1H120A731	C 12UF, 50V	2	
	C8325-28	FIg1C104A116	C 0.10UF, K, 16V	4	
	C8330-35	FIg1C104A116	C 0.10UF, K, 16V	6	
	C8336	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8337-43	FIg1C104A116	C 0.10UF, K, 16V	7	
	C8345	FIg1C104A116	C 0.10UF, K, 16V	1	
	C8346	FIg1C1030008	C 0.010UF, K, 16V	1	
	C8347-54	FIg1C104A116	C 0.10UF, K, 16V	8	
	C8355	FIH0J1050012	C 1UF, K, 16V	1	
	C8357-59	FIJ1A106A043	C 0.010UF, K, 10V	3	
	C8360-68	FIg1C104A116	C 0.10UF, K, 16V	9	
	C8369	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8370	FIg1H102A730	C 1000UF, 50V	1	
	C8371	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
	C8372	FIJ1A106A043	C 0.010UF, K, 10V	1	
	C8373	FIg1C104A116	C 0.10UF, K, 16V	1	
	C8374,75	FIJ1A106A043	C 0.010UF, K, 10V	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C8376	F1G1C1030008	C 0.010UF, K, 16V	1	
	C8377	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8378	F1G1C1030008	C 0.010UF, K, 16V	1	
	C8379	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8380	F1G1H103A735	C 0.01UF, 50V	1	
	C8381	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8382	F1G1C1030008	C 0.010UF, K, 16V	1	
	C8386,87	F1G1H102A730	C 1000UF, 50V	2	
	C8500,01	F1G1C104A116	C 0.10UF, K, 16V	2	
	C8506	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8517	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8533	F1G1A104A012	C 0.01UF, K, 10V	1	
	C8534	F2G1C470A022	E 47UF, 16V	1	
	C8537	ECJ2XF1C225Z	C 2.2UF, Z, 16V	1	
	CF7000	D4CAY8R0A010	THERMISTOR	1	PAVCA
	CN4200	K1KB51B00001	51P CONNECTOR	1	
	D1001	LN1271RAL-TR	LED	1	
	D1005,06	MAZ80560ML	ZENER DIODE	2	
	D1107	MA704A	DIODE	1	
	D2068	MA2J11100L	DIODE	1	
	D2070	MA2J11100L	DIODE	1	
	D2303,04	MA2J11100L	DIODE	2	
	D2500	MAZ80470ML	ZENER DIODE	1	
	D2503	MA2J72800L	ZENER DIODE	1	
	D2504-07	MA2J11100L	DIODE	4	
	D3017	EZJZ0V120JA	VARISTOR	1	
	D3019	EZJZ0V120JA	VARISTOR	1	
	D3021-23	EZJZ0V120JA	VARISTOR	3	
	D3025-27	EZJZ0V120JA	VARISTOR	3	
	D3029-31	EZJZ0V120JA	VARISTOR	3	
	D3050	K7AAAY000005	PHOTO LINK	1	
	D3064-71	EZJZ0V120JA	VARISTOR	8	
	D3101-03	EZJZ0V120JA	VARISTOR	3	
	D3113,14	EZJZ0V120JA	VARISTOR	2	
	D3151,52	EZJZ0V120JA	VARISTOR	2	
	D3708-10	EZJZ0V120JA	VARISTOR	3	
	D4101,02	EZJZ0V120JA	VARISTOR	2	
	D4202	MA3X152K0L	DIODE	1	
	D4502-12	EZAEG2A50AX	DIODE	11	
	D4513	B0BC5R6A0275	DIODE	1	
	D4514	EZAEG2A50AX	DIODE	1	
	D4515	B0BC5R6A0275	DIODE	1	
	D4516-23	EZAEG2A50AX	DIODE	8	
	D4541,42	MA2J11100L	DIODE	2	
	D4600-09	EZAEG2A50AX	DIODE	10	
	D4611	B0BC5R6A0275	DIODE	1	
	D4612,13	B0HCMM000014	DIODE	2	
	D5601,02	MA22D3900L	DIODE	2	
	D5603,04	B0JCDD000002	DIODE	2	
	D5605	MA22D3900L	DIODE	1	
	D5606	B0JCDD000002	DIODE	1	
	D5692	MAZ80560LL	ZENER DIODE	1	
⚠	D7000	ERZV10V621T2	VARISTOR	1	
⚠	D7001	B0EBKT000007	DIODE	1	
⚠	D7002	ERZV10V621T2	VARISTOR	1	
⚠	D7003	B0FBAT000008	DIODE	1	
	D7004	B0BA01600007	ZENER DIODE	1	PAVCA
	D7005	B0BA03600021	ZENER DIODE	1	
	D7006	B0BA01400009	ZENER DIODE	1	PAVCA
	D7007	MAZ83600ML	ZENER DIODE	1	
	D7008	MA2J11100L	DIODE	1	
	D7009	MAZ83000ML	ZENER DIODE	1	
	D7010	MAZ83600ML	ZENER DIODE	1	
	D7011	MA2J11100L	DIODE	1	
	D7012,13	B0HCMM000014	DIODE	2	
	D7014	MAZ80560ML	ZENER DIODE	1	
	D7015	B0JCNG000003	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	D7016	MA2J11100L	DIODE	1	
	D7017	MA2J72900L	DIODE	1	
	D7018	MA22F2000L	DIODE	1	PAVCA
	D7020	B0HCMM000014	DIODE	1	
	D7021	B0BA01000070	ZENER DIODE	1	
	D7022	MAZ80620ML	ZENER DIODE	1	
	D7023	B0FABR000011	DIODE	1	PAVCA
	D7024	B0HAGV000004	DIODE	1	
	D7025,26	B0HCMM000014	DIODE	2	
	D7027	B0HAGV000004	DIODE	1	
	D7028	MAZ80620ML	ZENER DIODE	1	
	D7029	MA2J11100L	DIODE	1	
	D7030	B0BA01000070	ZENER DIODE	1	
	D7031	B0HCMM000014	DIODE	1	
	D7032	B0JBSL000023	DIODE	1	PAVCA
⚠	D7033	ERZV10V621T2	VARISTOR	1	
	D7034	B0JAPK000011	DIODE	1	
	D7035-37	MA8100M	ZENER DIODE	3	
	D7039	MAZ81800ML	ZENER DIODE	1	
	D7040	MAZ81100ML	ZENER DIODE	1	
	D7042,43	MA2J11100L	DIODE	2	
⚠	D7044	ERZV10V621T2	VARISTOR	1	
	D7045-48	MA2J72900L	DIODE	4	
	D7050	B0BA03600021	ZENER DIODE	1	
⚠	D7056	ERZV10V621T2	VARISTOR	1	
	D7058	B0HCMM000014	DIODE	1	
	D7060	B0HCMM000014	DIODE	1	
	D7062	MA2J11100L	DIODE	1	
	D7064	MA2J11100L	DIODE	1	
	D7066,67	MA2J11100L	DIODE	2	
	D7069	MA2J11100L	DIODE	1	
	D7073	MA2J72900L	DIODE	1	
	D7075	B0JBSL000023	DIODE	1	PAVCA
	D7076	B0BA7R900004	ZENER DIODE	1	
	D7084	MAZ82400ML	DIODE	1	
	D7085	MA2J11100L	DIODE	1	
	D7087-93	MAZ83600ML	ZENER DIODE	7	
	D7144	B0HCMM000014	DIODE	1	
⚠	F7001	K5D502BNA005	TIME LAG FUSE HIGH	1	
	F7001-1	K3GE1ZA00010	FUSE HOLDER	1	
	F7001-2	K3GE1ZA00010	FUSE HOLDER	1	
	FL4201-05	J0MAB0000169	LC FILTER	5	
	FL4206	ECJ1VB0J474K	C 0.47UF, K, 6.3V	1	
	IC1100	MNZSFG3GP53	IC	1	
	IC1101	TVRP834S	IC	1	PAVCA
	IC2008	C0CBCBE00001	IC	1	
	IC2106	C1AB00002908	IC	1	
	IC2107	C0DBFFD00003	IC	1	
	IC2301	C1AB00002875	IC	1	
	IC2500	C1ZBZ0003725	IC	1	
	IC2501	C0EBF0000354	IC	1	
	IC3001	C1AB00002855	IC	1	
	IC4202	C0JBCZ000558	IC	1	
	IC4510	C1AB00002966	IC	1	
	IC4511	C0CBCBE00001	IC	1	
	IC4512,13	C0DBGYY00477	IC	2	
	IC4514,15	C0JBAZ002301	IC	2	
	IC4600	TVRP835S	IC	1	PAVCA
	IC4700	C1ZBZ0003577	IC	1	
	IC5600	C0DBAYY00273	IC	1	
	IC5601	C0DBAYY00274	IC	1	
	IC5704	C0EBM0000026	IC	1	
	IC7000	C0DABYY00008	IC	1	
	IC7001	C0DAEMZ00001	IC	1	
	IC7002	C0DBBZG00004	IC	1	PAVCA
	IC7003	C0DBBYG00001	IC	1	PAVCA
	IC7005	C0DAEMZ00001	IC	1	
	IC7009	C0DBEHE00005	IC	1	PAVCA

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	IC7050	C0DAEYH00002	IC	1	
	IC8001	MN2WS0047	IC	1	
	IC8002,03	C3ABSG000052	IC	2	
	IC8004	C0ZBZ0001030	IC	1	
	IC8300	MN884350	IC	1	PAVCA
	IC8502	TVRP832S	IC	1	PAVCA
	IC8503	TVRP884S	IC	1	PAVCA 37 INCH
	IC8503	TVRP885S	IC	1	PAVCA 32 INCH
	JK3101	K1U927A00004	CONNECTOR UNIT	1	PAVCA
	JK3104	K1FB315A0006	CONNECTOR	1	
	JK3701	K4AK17B00001	TERMINAL BOARD	1	
	JK4500,01	K1FY119D0003	CONNECTOR	2	
	JK4502	K1FA119E0013	CONNECTOR	1	
	JK8302	K1NA09E00080	9P CONNECTOR	1	
	JS1001	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	JS2084-88	D0YAR0000007	M 0 OHM 1/4W	5	
	JS2095,96	D0YAR0000007	M 0 OHM 1/4W	2	
	JS2099	D0YAR0000007	M 0 OHM 1/4W	1	
	JS7002	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	L1100	J0JYC0000068	CHIP INDUCTOR	1	
	L2020	J0JYC0000065	CHIP INDUCTOR	1	
	L2029	J0JCC0000077	CHIP INDUCTOR	1	
	L2034,35	J0JCC0000364	CHIP INDUCTOR	2	
	L2038	J0JHC0000078	CHIP INDUCTOR	1	
	L2041	J0JHC0000078	CHIP INDUCTOR	1	
	L2300	G1C220MA0291	INDUCTION COIL	1	
	L2302	G1C220MA0291	INDUCTION COIL	1	
	L2304	G1C220MA0291	INDUCTION COIL	1	
	L2306	G1C220MA0291	INDUCTION COIL	1	
	L2308	J0JJC0000011	CHIP INDUCTOR	1	
	L2500,01	J0JHC0000078	CHIP INDUCTOR	2	
	L3001,02	J0JHC0000078	CHIP INDUCTOR	2	
	L4201	J0JHC0000078	CHIP INDUCTOR	1	
	L4208	G1C100KA0008	INDUCTION COIL	1	
	L4209-11	J0JHC0000078	CHIP INDUCTOR	3	
	L4500-07	J0JHC0000078	CHIP INDUCTOR	8	
	L4511	J0JHC0000078	CHIP INDUCTOR	1	
	L4512,13	J0JCC0000077	CHIP INDUCTOR	2	
	L4514-19	J0JHC0000078	CHIP INDUCTOR	6	
	L4601	J0JHC0000078	CHIP INDUCTOR	1	
	L4604,05	J0JHC0000078	CHIP INDUCTOR	2	
	L4606,07	D0YAR0000007	M 0 OHM 1/4W	2	
	L5600,01	G1C2R2Z00007	INDUCTION COIL	2	
	L5602	G1C4R7Z00014	INDUCTION COIL	1	
	L5604	G1C100MA0203	INDUCTION COIL	1	
	L5605	J0JHC0000075	CHIP INDUCTOR	1	
	L5606	G1C100MA0077	INDUCTION COIL	1	
⚠	L7000	G0C181K00003	PEAKING COIL	1	
	L7001,02	EXCELSA35	BEAD CHOKE	2	
	L7005	EXCELD35V	CORE	1	
	L7007,08	EXCELD35V	CORE	2	
	L7010	EXCELD35V	CORE	1	
	L7012	EXCELD35V	CORE	1	
	L7019	EXCELD35V	CORE	1	
	L7032,33	G0A100GA0013	CHOKE COIL	2	
	L7114	EXCELD35V	CORE	1	
	L8001-05	J0JHC0000045	CHIP INDUCTOR	5	
	L8006	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	L8007-10	J0JHC0000045	CHIP INDUCTOR	4	
	L8301-03	J0JHC0000045	CHIP INDUCTOR	3	
	L8304,05	G1CR22JA0020	INDUCTION COIL	2	
	L8306	G1CR39JA0020	INDUCTION COIL	1	PAVCA
	L8307-10	J0JHC0000045	CHIP INDUCTOR	4	
	L8311,12	G1CR39JA0020	INDUCTION COIL	2	PAVCA
	L8500	J0JHC0000075	CHIP INDUCTOR	1	
	L8507	J0JHC0000045	CHIP INDUCTOR	1	
	L8509	J0JAC0000006	CHIP INDUCTOR	1	

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⚠	LF7001-03	G0B103H00002	CHOKE COIL	3	
	P1	K1KA02B00295	2P CONNECTOR	1	PAVCA
	P2	K1KA08AA0192	8P CONNECTOR	1	
	P5	K1KA02A00676	2P CONNECTOR	1	
	P6,P7	K1KY23AA0606	23P CONNECTOR	2	
	PA7001	B1ZAZ0000016	TRANSISTOR	1	
⚠	PC7000,01	CNC1S171R	IC	2	
	Q1006	2SD0601ARL	TRANSISTOR	1	
	Q1110	2SD0601ARL	TRANSISTOR	1	
	Q2033	2SD0601ARL	TRANSISTOR	1	
	Q2035	2SD0601ASL	TRANSISTOR	1	
	Q2036	2SD0601ARL	TRANSISTOR	1	
	Q2040	2SD0601ARL	TRANSISTOR	1	
	Q2063,64	2SD0601ASL	TRANSISTOR	2	
	Q2065	2SB0709ARL	TRANSISTOR	1	
	Q2502	2SB0709ARL	TRANSISTOR	1	
	Q3123,24	2SD0601ASL	TRANSISTOR	2	
	Q3125	2SB0709ARL	TRANSISTOR	1	
	Q4201	2SD0601ARL	TRANSISTOR	1	
	Q4202	2SB0709ARL	TRANSISTOR	1	
	Q4203	2SD0601ASL	TRANSISTOR	1	
	Q4204	2SC39380QL	TRANSISTOR	1	
	Q4205	2SD0601ASL	TRANSISTOR	1	
	Q4206	2SC39380QL	TRANSISTOR	1	
	Q4207	2SD0601ARL	TRANSISTOR	1	
	Q4500-03	2SD0601ARL	TRANSISTOR	4	
	Q4514-17	2SB0709ARL	TRANSISTOR	4	
	Q4601,02	2SD0601ARL	TRANSISTOR	2	
	Q4700	2SD0601ARL	TRANSISTOR	1	
	Q5600	B1MBDA000015	FET	1	
	Q5601,02	B1MBDA00003	FET	2	
	Q5603,04	B1ABCF000231	TRANSISTOR	2	
	Q5712	2SB0709ARL	TRANSISTOR	1	
	Q5713	2SD0601ASL	TRANSISTOR	1	
	Q7000	2SB0709ARL	TRANSISTOR	1	
	Q7001	2SD0601ASL	TRANSISTOR	1	
	Q7003	B1DHCD000023	FET	1	
	Q7004	2SD0601ARL	TRANSISTOR	1	
	Q7005	B1CERQ000041	FET	1	PAVCA
	Q7006	B1CEPU000003	FET	1	PAVCA
	Q7008	B1DHDD000028	FET	1	PAVCA
	Q7009-11	2SD0601ARL	TRANSISTOR	3	
	Q7012	2SB0709ARL	TRANSISTOR	1	
	Q7022	2SB0709ARL	TRANSISTOR	1	
	Q7025	B1DHDD000028	FET	1	PAVCA
	Q7026	2SD0601ARL	TRANSISTOR	1	
	Q7052	2SD0602ASL	TRANSISTOR	1	
	Q8300	2SB0709ARL	TRANSISTOR	1	
	R1008	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
	R1010	D0GB123JA057	M 12K OHM J 1/16W	1	
	R1022	D1BB60400001	M 604 OHM, 1/10W	1	
	R1028	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
	R1029	D0GB102JA041	M 1KOHM, J, 1/16W	1	
	R1104	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1134	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R1140	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1146	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1153	ERJ2GEJ821	M 820 OHM, J, 0.063W	1	
	R1157	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1162	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R1164	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R1166	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R1169	ERJ2GEJ683	M 68KOHM, J, 0.063W	1	
	R1170	ERJ2GEJ333	M 33KOHM, J, 0.063W	1	
	R1171	ERJ2GEJ683	M 68KOHM, J, 0.063W	1	
	R1172	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
	R1174, 75	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
	R1179	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R1181	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R1182	ERJ2GED273X	M 27KOHM, J, 0.063W	1	
	R1183, 84	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
	R1194	ERJ2GEJ683	M 68KOHM, J, 0.063W	1	
	R1196, 97	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R1200, 01	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	2	
	R1203	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1205, 06	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
	R1208, 09	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R1211	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1213	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1214	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R1215, 16	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R1217	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R1218-20	ERJ2GEJ103	M 10KOHM, J, 0.063W	3	
	R1221	D1BB7151A055	M7.15KOHM, 1/10W	1	
	R1222	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1229	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R1230-32	ERJ2GEJ473	M 47KOHM, J, 0.063W	3	
	R1236	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1237	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1238	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1243	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1247	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1251, 52	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R1255	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R1256	ERJ2GEJ182	M 1.8KOHM, J, 0.063W	1	
	R1257	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R1258, 59	D0YAR0000007	M 0 OHM 1/4W	2	
	R1500	ERJ2GEJ182	M 1.8KOHM, J, 0.063W	1	
	R2008-10	ERJ2GEJ331	M 330 OHM, J, 0.063W	3	
	R2012	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
	R2039	D0YAR0000007	M 0 OHM 1/4W	1	37 INCH
	R2040	D0YAR0000007	M 0 OHM 1/4W	1	32 INCH
	R2056, 57	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
	R2058	ERJ2GEJ821	M 820 OHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R2059	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
	R2060	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R2098, 99	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R2100	D1BB2002A055	M 20KOHM, 1/10W	1	
	R2104	D1BB2001A055	M 2KOHM, 1/10W	1	
	R2106, 07	ERJ2GEJ101	M 100 OHM, J, 0.063W	2	
	R2108	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
	R2109	ERJ2GEJ274	M 270KOHM, J, 0.063W	1	
	R2110	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2111	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R2113	D1BB1203A055	M 120KOHM, 1/10W	1	
	R2114	D1BB7502A055	M 75KOHM, 1/10W	1	
	R2115	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2116, 17	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R2118	ERJ8GEYJ472V	M 4.7KOHM, J, 1/8W	1	
	R2119	ERJ2GEJ184	M 180KOHM, J, 0.063W	1	
	R2120, 21	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R2122	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R2124	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2125	ERJ2GEJ222	M 2.2KOHM, J, 0.063W	1	
	R2128, 29	D0YAR0000007	M 0 OHM 1/4W	2	
	R2135	ERJ2GEJ562	M 5.6KOHM, J, 0.063W	1	
	R2136	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
	R2137	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
	R2143, 44	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R2147	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R2150, 51	D1BB2802A055	M 28KOHM, 1/10W	2	
	R2152	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R2155	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2162, 63	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R2164	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R2271	EXB28V220J	RESISTOR ARRAY	1	
	R2272	EXB28VR000X	RESISTOR ARRAY	1	
	R2306	D0YAR0000007	M 0 OHM 1/4W	1	
	R2308	ERJ8GEYJ3R3V	M 3.3 OHM, J, 1/8W	1	
	R2311	ERJ8GEYJ3R3V	M 3.3 OHM, J, 1/8W	1	
	R2313	ERJ8GEYJ3R3V	M 3.3 OHM, J, 1/8W	1	
	R2315	ERJ8GEYJ3R3V	M 3.3 OHM, J, 1/8W	1	
	R2317	D0YAR0000007	M 0 OHM 1/4W	1	
	R2325	D0YAR0000007	M 0 OHM 1/4W	1	
	R2501	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
	R2505	ERJ2GED563X	M 56KOHM, J, 0.063W	1	
	R2506	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
	R2507	D0YAR0000007	M 0 OHM 1/4W	1	
	R2509, 10	D0YAR0000007	M 0 OHM 1/4W	2	
	R2514, 15	D0YAR0000007	M 0 OHM 1/4W	2	
	R2518	D0YAR0000007	M 0 OHM 1/4W	1	
	R2522	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R2523	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2524	ERJ2GED563X	M 56KOHM, J, 0.063W	1	
	R2526	ERJ2GED563X	M 56KOHM, J, 0.063W	1	
	R2528	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2529	ERJ2GEJ561	M 60 OHM, J, 0.063W	1	
	R2530	ERJ2GEJ474	M 470KOHM, J, 0.063W	1	
	R2531	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R2532	ERJ2GEJ474	M 470KOHM, J, 0.063W	1	
	R2533	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R2534	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R2536	D0GB102JA057	M 1KOHM, J, 1/16W	1	
	R2832	D0YAR0000007	M 0 OHM 1/4W	1	
	R2834-37	D0YAR0000007	M 0 OHM 1/4W	4	
	R2846	D0YAR0000007	M 0 OHM 1/4W	1	
	R2848	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R3001	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R3002	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R3003	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R3017	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3019	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3021	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3022	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3023	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3026	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R3028,29	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
	R3032	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R3034	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R3049,50	ERJ2GEJ221	M 220 OHM, J, 0.063W	2	
	R3051,52	ERJ2GEJ182	M 1.8KOHM, J, 0.063W	2	
	R3058-61	ERJ2GEJ221	M 220 OHM, J, 0.063W	4	
	R3064-71	ERJ2GEJ221	M 220 OHM, J, 0.063W	8	
	R3077	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3084	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3087	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3089	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3091	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3093	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3095	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3096	D0YAR0000007	M 0 OHM 1/4W	1	
	R3097	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R3099	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R3100	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R3101-03	ERJ6RED750	M 75 OHM, 1/10W	3	
	R3113,14	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	2	
	R3117	ERJ6RED750	M 75 OHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R3119	ERJ6RED750	M 75 OHM, 1/10W	1	
	R3121	ERJ6RED750	M 75 OHM, 1/10W	1	
	R3123	ERJ6RED750	M 75 OHM, 1/10W	1	
	R3145	D0GD101JA036	M 100 OHM, J, 0.25W	1	
	R3146	ERJ2GEJ184	M 180KOHM, J, 0.063W	1	
	R3147	D0GD101JA036	M 100 OHM, J, 0.25W	1	
	R3148	ERJ2GEJ184	M 180KOHM, J, 0.063W	1	
	R3149,50	ERJ2GEJ101	M 100 OHM, J, 0.063W	2	
	R3151	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
	R3152	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R3153	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R3154	ERJ2GEJ274	M 270KOHM, J, 0.063W	1	
	R3155	ERJ2GEJ560X	M 56 OHM, J, 0.063W	1	
	R3164-71	ERJ2GEJ184	M 180KOHM, J, 0.063W	8	
	R3174	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R3175,76	ERJ6RED750	M 75 OHM, 1/10W	2	
	R3178-80	ERJ6RED750	M 75 OHM, 1/10W	3	
	R3182	ERJ6RED750	M 75 OHM, 1/10W	1	
	R3708,09	D0GDR00Z0002	M 0 OHM, 1/10W	2	
	R4079	EXB2HV560JV	RESISTOR ARRAY	1	
	R4081	EXB2HV560JV	RESISTOR ARRAY	1	
	R4089-91	EXB2HV560JV	RESISTOR ARRAY	3	
	R4168	EXB2HV473JV	RESISTOR ARRAY	1	
	R4225	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R4270	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R4302	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R4307	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R4308,09	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R4310	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4311	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R4312	ERJ2GEJ302	M 3KOHM, J, 0.063W	1	
	R4315,16	ERJ2GEJ102X	M 1K OHM J 1/4W	2	
	R4317,18	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R4319	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R4320	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4321	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4322	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4323,24	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R4325	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
	R4326	ERJ6ENF4871	M4.87KOHM, 1/10W	1	
	R4327	ERJ2RKF3001	M 3KOHM, 0.063W	1	
	R4328	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4329	ERJ2RKF3901	M 3.9KOHM, 0.063W	1	
	R4330	ERJ2GEJ100	M 10 OHM, J, 0.063W	1	
	R4333	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R4334	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4336	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4339	D0YAR0000007	M 0 OHM 1/4W	1	
	R4340	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R4343	D0YAR0000007	M 0 OHM 1/4W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4344,45	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
	R4346	D0YAR0000007	M 0 OHM 1/4W	1	
	R4347	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4351	D0YAR0000007	M 0 OHM 1/4W	1	
	R4358	D0YAR0000007	M 0 OHM 1/4W	1	
	R4367-69	EXB2HV820JV	RESISTOR ARRAY	3	
	R4500,01	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4502,03	ERJ2RKD330	M 33 OHM, J, 2W	2	
	R4524,25	D0YAR0000007	M 0 OHM 1/4W	2	
	R4526,27	ERJ2GEJ102X	M 1K OHM J 1/4W	2	
	R4528	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4530	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4532,33	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4538	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4540	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4552	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4587	D1BB60400001	M 604 OHM, 1/10W	1	
	R4588,89	ERJ3EKF8060	M 806 OHM, 1/16W	2	
	R4592	ERJ3EKF8060	M 806 OHM, 1/16W	1	
	R4593	D1BB2201A055	M 2.2KOHM, 1/10W	1	
	R4596-98	ERJ6GEYJ102V	M 1K OHM J 1/10W	3	
	R4600	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4601	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R4603,04	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4606	D1BB9101A055	M 9.1KOHM, 1/10W	1	
	R4609,10	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4611	D1BB5601A055	M 5.6KOHM, 1/10W	1	
	R4613	D0YAR0000007	M 0 OHM 1/4W	1	
	R4616	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4621	D0YAR0000007	M 0 OHM 1/4W	1	
	R4626,27	D1BB2200A055	M 220 OHM, 1/10W	2	
	R4631	D1BB4990A055	M 499 OHM, 1/10W	1	
	R4634	D1BB2200A055	M 220 OHM, 1/10W	1	
	R4635	EXB28V680JX	RESISTOR ARRAY	1	
	R4636-38	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
	R4639,40	EXB28V680JX	RESISTOR ARRAY	2	
	R4643	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4645,46	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4647	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4648	EXB28V330J	RESISTOR ARRAY	1	
	R4649	EXB28V680JX	RESISTOR ARRAY	1	
	R4650,51	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
	R4652	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4654	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4656	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R4657,58	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R4665,66	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R4670	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4672,73	D0YAR0000007	M 0 OHM 1/4W	2	
	R4678,79	EXB28V680JX	RESISTOR ARRAY	2	
	R4700	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4701-06	ERJ2GEJ473	M 47KOHM, J,0.063W	6	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4709,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4715	ERJ2RKD330	M 33 OHM, J, 2W	1	
	R4728	D0YAR0000007	M 0 OHM 1/4W	1	
	R4731	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4732	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4733,34	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R4735	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4736,37	D0YAR0000007	M 0 OHM 1/4W	2	
	R4738	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R4739,40	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4877,78	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R5058	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5069	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5137	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5600	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R5601	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	R5602,03	D0YAR0000007	M 0 OHM 1/4W	2	
	R5604	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5605	D1BB1272A055	M12.7KOHM, 1/10W	1	
	R5606,07	D0YAR0000007	M 0 OHM 1/4W	2	
	R5610	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5611	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5612	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5614	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	R5616	D0YAR0000007	M 0 OHM 1/4W	1	
	R5620	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R5621	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5622	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5623	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5625-28	D0YAR0000007	M 0 OHM 1/4W	4	
	R5629	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5630	D1BB4752A055	M47.5KOHM, 1/10W	1	
	R5631	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5632	D1BB3002A055	M 30KOHM, 1/10W	1	
	R5633	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5634	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5635	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R5636	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R5637	D0YAR0000007	M 0 OHM 1/4W	1	
	R5638	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5641	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5644	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R5646	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5647	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5706	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5711,12	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R5715	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5717,18	D0YAR0000007	M 0 OHM 1/4W	2	
	R5720	D0YAR0000007	M 0 OHM 1/4W	1	
	R5722	D0YAR0000007	M 0 OHM 1/4W	1	
	R5724,25	D0YAR0000007	M 0 OHM 1/4W	2	
	R5727,28	D0YAR0000007	M 0 OHM 1/4W	2	
	R5729	ERJ2GEJ473	M 47KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R5747	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R5748	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
	R5749	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
	R5755	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
	R5762	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R5789-91	D0GDR00Z0002	M 0 OHM, 1/10W	3	
	R5798	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	R5799	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	1	
	R5800,01	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R5802	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	1	
	R5809-13	D0GBR00Z0002	M 0 OHM J 1/16W	5	
	R5815	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	R5828	ERJ2GEJ222	M 2.2KOHM, J, 0.063W	1	
	R5829	D0YAR0000007	M 0 OHM 1/4W	1	
⚠	R7000	D0XB106J0003	RESISTOR ARRAY	1	
⚠	R7001	ERC12ZGK105	S 1MOHM, K, 1/2W	1	
	R7002	ERF2AJ100P	W 10 OHM, J, 2W	1	
	R7003	ERJ6GEYJ100V	M 10 OHM, J, 1/10W	1	
	R7004,05	ERJ6GEYJ104V	M 100KOHM, J, 1/10W	2	
	R7006	D0GD4R7JA059	M 4.7 OHM, J, 0.25W	1	PAVCA
	R7007	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7008	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R7009	ERJ6GEYJ332V	M 3.3K OHM J 1/10W	1	
	R7010	ERJ6GEYJ331V	M 330 OHM J 1/10W	1	
	R7011,12	ERJ6ENF6801	M 6.8KOHM, 1/10W	2	
	R7013,14	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
	R7015-17	EROS2THF5603	M 560KOHM, F, 1/4W	3	PAVCA
	R7018	D1BD1002A044	M10.0KOHM, 1/10W	1	
	R7019	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7020	ERJ6GEYJ680V	M 68 OHM, J, 1/10W	1	
	R7021	ERJ6GEYJ393V	M 39KOHM, J, 1/10W	1	
	R7022	ERJ6GEYJ221V	M 220 OHM, J, 1/10W	1	
	R7023	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
	R7024	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7025	ERJ6GEYJ220	M 22 OHM, J, 1/10W	1	
	R7026	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7027	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R7028	ERJ12YJ473U	M 47KOHM, J, 1/2W	1	PAVCA
	R7029	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7032-34	ERJ6ENF5602	M 56KOHM, 1/10W	3	
	R7035	ERJ6ENF3001	M 3KOHM, 1/10W	1	
	R7036	ERJ6GEYJ104V	M 100KOHM, J, 1/10W	1	
	R7037	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
	R7038	ERJ12YJ470	M 47 OHM, J, 1/2W	1	
	R7039	ERJ12YJ221U	M 220 OHM, J, 1/2W	1	
	R7040	D0GD4R7JA059	M 4.7 OHM, J, 0.25W	1	PAVCA
	R7041	ERDS2FJ470	C 47 OHM, J, 1/4W	1	
	R7043	ERJ6GEYJ153V	M 15KOHM, J, 1/10W	1	
	R7044	D1BD1002A044	M10.0KOHM, 1/10W	1	
	R7046	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7047	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R7048	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R7049	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
	R7050	ERJ6GEYJ100V	M 10 OHM, J, 1/10W	1	
	R7053	ERJ6ENF8451	M8.45KOHM, 1/10W	1	
	R7054	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R7056-58	ERJ6ENF2703	M 270KOHM, 1/10W	3	
	R7059	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R7060	ERJ6GEYJ183V	M 18KOHM, J, 1/10W	1	
	R7061	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7062	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R7063-67	ERJ6ENF2703	M 270KOHM, 1/10W	5	
	R7068	ERJ6ENF6802	M 68KOHM, 1/10W	1	
	R7069	D1BD1002A044	M10.0KOHM, 1/10W	1	
	R7070	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7071	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
	R7072	ERJ6GEYJ104V	M 100KOHM, J, 1/10W	1	
	R7073	ERJ6ENF1213	M 121KOHM, 1/10W	1	
	R7074-78	ERJ6ENF5602	M 56KOHM, 1/10W	5	
	R7089	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	1	
	R7091	D0GF470JA002	M 47 OHM, J, 0.33W	1	
	R7092	ERJ6GEYJ562V	M 5.6KOHM, J, 1/10W	1	
	R7094	ERJ6GEYJ562V	M 5.6KOHM, J, 1/10W	1	
	R7095	ERJ6GEYJ153V	M 15KOHM, J, 1/10W	1	
	R7096	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7097	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R7098	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R7099,00	ERJ6GEYJ562V	M 5.6KOHM, J, 1/10W	2	
	R7110	D1BD1002A044	M10.0KOHM, 1/10W	1	
	R7111	ERJ6ENF6342	M6.34KOHM, 1/10W	1	
	R7113	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7117	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
	R7118	ERX1SJ1R8P	M 1.8 OHM, J, 1W	1	
	R7120	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
	R7121	ERJ6GEYJ333V	M 33KOHM, J, 1/10W	1	
	R7122	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7123	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
	R7125	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7126	ERJ6ENF7151	M7.15KOHM, 1/10W	1	
	R7127	ERJ6ENF3012	M30.1KOHM, 1/10W	1	
	R7128	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7129	ERX1SJ1R5P	M 1.5 OHM, J, 1W	1	
	R7130	ERX2SJR22P	M0.22 OHM, J, 2W	1	
	R7131	ERX2SJR33P	M0.33 OHM, J, 2W	1	
	R7132	ERG2SJ104H	M 100KOHM, J, 2W	1	
	R7133,34	D0GDR00Z0002	M 0 OHM, 1/10W	2	
	R7135	D0GD103JA036	M 10KOHM, J, 0.25W	1	
	R7136	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7137	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
	R7138	ERJ6GEYJ153V	M 15KOHM, J, 1/10W	1	
	R7139	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7145-47	ERJ12YJ473U	M 47KOHM, J, 1/2W	3	PAVCA
	R7152	ERJ12YJ471	M 470OHM, J, 1/2W	1	
	R7153	ERJ6GEYJ680V	M 68 OHM, J, 1/10W	1	
	R7154	ERJ6ENF3742	M37.4KOHM, 1/10W	1	
	R7155	D1BD1002A044	M10.0KOHM, 1/10W	1	
	R8001	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8002	ERJ2GEJ560X	M 56 OHM, J, 0.063W	1	
	R8004	D1BB2402A055	M 24KOHM, 1/10W	1	
	R8005	D1BB1002A055	M 10KOHM, 1/10W	1	
	R8006	D1BB6801A055	M 6.8KOHM, 1/10W	1	
	R8030	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R8031,32	D1BB2700A055	M 270 OHM, 1/10W	2	
	R8056-73	ERJ2GEJ470	M 47 OHM, J, 0.063W	18	
	R8074	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8075-78	ERJ2GEJ470	M 47 OHM, J, 0.063W	4	
	R8081	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8082	D1BA75R0A014	M 0.75KOHM, 1/10W	1	
	R8083	ERJ2GEJ301	M 300 OHM, J, 0.063W	1	
	R8084	D0YAR00000007	M 0 OHM 1/4W	1	
	R8086	ERJ2GEJ104	M 10KOHM, J, 0.063W	1	
	R8087	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8090	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8091	ERJ2GEJ470	M 47 OHM, J, 0.063W	1	
	R8093	ERJ2GEJ470	M 47 OHM, J, 0.063W	1	
	R8094	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8097	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8098, 99	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R8100	ERJ2GEJ470	M 47 OHM, J, 0.063W	1	
	R8101	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8106	ERJ2GEJ202	M 2KOHM, J, 0.063W	1	
	R8107	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R8108	ERJ2GEJ333	M 33KOHM, J, 0.063W	1	
	R8109	ERJ2GEJ222	M 2.2KOHM, J, 0.063W	1	
	R8302, 03	ERJ2GEJ470	M 47 OHM, J, 0.063W	2	
	R8304	D0YAR00000007	M 0 OHM 1/4W	1	
	R8305, 06	ERJ2GEJ101	M 100 OHM, J, 0.063W	2	
	R8307, 08	ERJ2GEJ562	M 5.6KOHM, J, 0.063W	2	
	R8309	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8311	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
	R8313	ERJ6GEYJ102V	M 1K OHM J 1/10W	1	
	R8314	D1BB1202A055	M 12KOHM, 1/10W	1	
	R8315	ERJ2GEJ102X	M 1K OHM J 1/4W	1	
	R8316, 17	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
	R8318-20	ERJ2GEJ220	M 22 OHM, J, 0.063W	3	
	R8321	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8323	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
	R8324-27	ERJ2GEJ470	M 47 OHM, J, 0.063W	4	
	R8331	D0GBR00Z0002	M 0 OHM J 1/16W	1	
	R8333, 34	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
	R8335	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
	R8336	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R8337	D0YAR00000007	M 0 OHM 1/4W	1	
	R8504	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8512	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8517	ERJ2RKD330	M 33 OHM, J, 2W	1	
	R8519, 20	ERJ2RKD330	M 33 OHM, J, 2W	2	
	R8528-32	ERJ2GEJ560X	M 56 OHM, J, 0.063W	5	
	R8533	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8538-45	ERJ2GEJ220	M 22 OHM, J, 0.063W	8	
	R8546, 47	ERJ2GEJ332	M 3.3KOHM, J, 0.063W	2	
	R8548	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8550	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	1	
	R8552, 53	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	2	
	R8554, 55	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
	R8556	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	1	
	R8557, 58	ERJ2GEJ332	M 3.3KOHM, J, 0.063W	2	
	R8559	ERJ2GEJ560X	M 56 OHM, J, 0.063W	1	
	R8566	EXB2HV103JV	RESISTOR ARRAY	1	
	R8568-71	ERJ2RKD330	M 33 OHM, J, 2W	4	
	R8572	EXB28V330J	RESISTOR ARRAY	1	
	R8573	EXB28V680JX	RESISTOR ARRAY	1	
	R8574, 75	ERJ2GEJ680	M 68 OHM, J, 0.063W	2	
	R8591	ERJ2RKD330	M 33 OHM, J, 2W	1	
	R8614, 15	ERJ2RKD330	M 33 OHM, J, 2W	2	
	R8617	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8661	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8663	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8721, 22	ERJ2GEJ680	M 68 OHM, J, 0.063W	2	
	R8765	ERJ2GEJ750	M 75 OHM, J, 0.063W	1	
	R8767	ERJ2GEJ750	M 75 OHM, J, 0.063W	1	
	R8770	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8772	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
	R8866	D1BB91R0A055	M 91 OHM, 1/10W	1	
	△	RL7001	TSEH8011	RELAY	1
	△	RL7030	K6B2ADA00007	REALY	1
		RM1001	PNA4701M07TV	REMOCON RECEIVER	1
	△		TNPH0720ABS	CIRCUIT BOARD A	1 PAVCA 37 INCH
	△		TNPH0720ACS	CIRCUIT BOARD A	1 PAVCA 32 INCH
	△		TXN/P10NDCS	CIRCUIT BOARD P	1 PAVCA
	△		TNPA4483ABS	CIRCUIT BOARD V	1 PAVCA
	△	T7000	ETS15AB186AH	SWITCHING TRANS-FORMER	1 PAVCA
	△	T7001	G4D3A0000203	SWITCHING TRANS-FORMER	1 PAVCA
	△	T7002	G4D4A0000125	SWITCHING TRANS-FORMER	1 PAVCA
	△	TU8300	ENGE6604KF	TUNER	1 PAVCA
	V1	K1KA04B00273	4P CONNECTOR	1	PAVCA
	X1100	H0J100500035	CRYSTAL	1	
	X2010	H0J245500082	CRYSTAL	1	
	X8001	H0J270500061	CRYSTAL	1	
	X8300	H0J250500079	CRYSTAL	1	PAVCA
	ZA5700, 01	TESA169	SHIELD CLIP	2	
	ZA5703-14	TESA169	SHIELD CLIP	12	
	ZA7000	K4CZ01000027	AV TERMINAL	1	
	ZA7002	K4CZ01000027	AV TERMINAL	1	